



TYRONE NORRIS

SENIOR WEB DEVELOPER | 20+ YEARS EXPERIENCE

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Senior web developer with 20+ years of hands-on experience designing, building, and scaling high-performance websites and applications for clients across multiple industries. Specialized in modern full stack development, AI-assisted engineering workflows, and blockchain-enabled platforms. Proven ability to architect enterprise-level systems from concept through production, balancing speed, security, and long-term maintainability.

Front End Development

- Build modern, accessible, and responsive user interfaces using HTML5, CSS3, JavaScript (ES6+), TypeScript, React, Svelte, Angular.
- Lead front-end architecture with a focus on scalability, maintainability, and component-driven design systems.
- Optimize performance across browsers and devices, including Core Web Vitals, lazy loading, and code splitting.
- Implement accessibility standards (WCAG, Section 508) and usability best practices for enterprise and government platforms.
- Translate complex business and data requirements into intuitive, high-impact user experiences.

Back End Development

- Design and implement scalable server-side systems using Node.js, RESTful APIs, and API-driven architectures.
- Build secure authentication and authorization systems, including role-based access control and JWT-based workflows.
- Develop and optimize relational and NoSQL databases, ensuring performance, data integrity, and scalability.
- Integrate third-party services, payment gateways, and external APIs into enterprise applications.
- Apply security best practices for data handling, API protection, and system reliability.

Full Stack Systems

- Architect and deliver end-to-end web applications spanning front-end, back-end, database, and infrastructure layers.
- Lead full lifecycle development from system design and prototyping through deployment and ongoing optimization.
- Build complete platforms including user management, payments, subscriptions, memberships, dashboards, and admin tooling.
- Integrate CMS platforms and custom content workflows for marketing, enterprise, and government use cases.
- Apply AI-assisted development workflows to accelerate delivery while maintaining production-quality engineering standards.
- Configure and optimize modern build systems using Webpack and Vite for fast development and production-ready bundles.
- Implement code splitting, tree shaking, and asset optimization to improve performance and load times.

Blockchain & Web3

- Design and deploy smart contracts, tokens, and NFT systems using modern blockchain frameworks.
- Build decentralized applications (dApps) integrating wallets, Web3 APIs using Next.js, and blockchain authentication.
- Implement secure wallet connectivity and transaction workflows across multiple blockchain ecosystems.
- Architect Web3 platforms which combine front-end interfaces, back-end services, and on-chain logic.
- Lead blockchain-based projects from concept through production deployment.

Artificial Intelligence

- Leverage AI coding assistants (Claude Code, Google Antigravity) and AI APIs (Gemini, OpenAI, Deepseek, Mistral, etc) to accelerate full stack development, refactoring, and system design while maintaining production-grade code quality.
- Build AI-enabled web applications using TensorFlow.js and LangChain within modern full stack architectures.
- Use AI tools to generate, review, and optimize React, Angular, Node.js, and API codebases with an emphasis on performance, security, and maintainability.
- Design AI-augmented development workflows for rapid prototyping, feature iteration, debugging, and documentation.
- Apply AI-driven analysis to improve code architecture, reduce technical debt, and modernize legacy systems.
- Integrate AI-assisted testing, validation, and optimization into CI/CD and deployment workflows.
- Evaluate and operationalize emerging AI tools to enhance developer productivity without compromising engineering standards.
- Improved generative AI outputs by using structured data.

DevOps & Infrastructure

- Experience with cloud platforms like AWS & Azure.
- Implement Git-based workflows and CI/CD pipelines to support rapid, reliable deployments.
- Manage hosting environments, DNS, SSL, and security best practices across production systems.
- Design scalable, modular infrastructure to support enterprise growth and high-traffic applications.
- Collaborate across teams to streamline deployment, monitoring, and environment configuration.
- Apply performance optimization, caching strategies, and uptime reliability standards.

SEO & Marketing

- Engineer SEO-first web architectures using semantic HTML and performance-optimized front-end systems.
- Optimize Core Web Vitals, page speed, and accessibility to improve search visibility and user engagement.
- Implement analytics, tracking, and measurement frameworks to inform UX and growth decisions.
- Build CMS-driven landing pages and marketing campaigns aligned with organic growth strategies.
- Apply A/B testing, CRO techniques, and data-driven optimization to improve conversion rates.

Testing & Quality Assurance

- Implement testing strategies using modern JavaScript testing frameworks to ensure reliability and maintainability.
- Write unit, integration, and component tests to validate UI behavior, business logic, and API integrations.
- Incorporate testing into automated pipelines to catch regressions early and support continuous delivery.
- Use test-driven and test-informed development practices to improve code quality and long-term stability.
- Balance test coverage with development velocity in enterprise and production environments.

Full-Stack Architecture & System Engineering

- Engineered and deployed a diverse portfolio of production-ready React applications, ranging from high-conversion marketing platforms to complex, enterprise-grade system architectures.
- Architected a standardized, reusable core framework encompassing secure authentication, subscription memberships, payment gateways, and dynamic CMS integrations, reducing the time-to-market for multi-site deployments.
- Designed and optimized scalable full-stack architectures, achieving significant gains in core web vitals, SEO rankings, and overall performance through modern rendering and data-fetching strategies.
- Implemented robust DevOps workflows, utilizing local-first development environments and CI/CD pipelines to ensure secure, environment-based deployments and high application availability.

Web3 & Decentralized Ecosystems

- Pioneered the integration of Web3 functionalities, including non-custodial wallet connections, smart contract interactions, and NFT/tokenized asset protocols within decentralized application (dApp) environments.
- Developed secure, extensible blockchain components, ensuring seamless interoperability between traditional web frameworks and decentralized finance (DeFi) or governance protocols.

AI-Augmented Development & Machine Learning

- Spearheaded AI-driven development workflows by leveraging Claude Code and Google Gemini (Antigravity) to exponentially accelerate the SDLC, from complex system design and refactoring to automated documentation.
- Architected AI-powered content governance tools utilizing Natural Language Processing (NLP) and Computer Vision to automate high-fidelity moderation and real-time data filtering.
- Leveraged LLM-based orchestration for rapid architecture validation and debugging, maintaining strict production-quality standards while significantly reducing iteration cycles.

Strategic Leadership & Product Vision

- Collaborated as a Technical Partner to founders and executive stakeholders, translating high-level business visions into secure, extensible technical roadmaps and market-ready solutions.
- Directed cross-functional alignment between creative and technical teams, ensuring that architectural decisions supported both the brand's aesthetic goals and long-term scalability requirements.

Engineering & Performance Optimization

- Spearheaded front-end enhancements for T-Mobile's enterprise-scale Payment Center, directly improving the payment processing experience for millions of active subscribers.
- Architected scalable React components and refactored legacy codebases, reducing technical debt and improving application load times by approximately 20%.
- Engineered mobile-first, responsive interfaces using HTML5 and CSS3 libraries, ensuring a seamless cross-platform experience and achieving 100% compliance with enterprise accessibility standards.

Security & Data Integrity

- Fortified application security by implementing JWT-based (JSON Web Token) authentication layers within a Node.js environment, mitigating unauthorized access risks across sensitive financial endpoints.
- Managed end-to-end bug tracking and version control across multiple high-traffic repositories, ensuring 99.9% integration success rates and codebase stability.

DevOps & Process Automation

- Streamlined software delivery by participating in CI/CD pipelines and collaborating with DevOps teams to accelerate deployment cycles by 15%.
- Optimized the software development lifecycle (SDLC) by integrating automated testing workflows, allowing for faster and more frequent production releases without compromising quality.

Impact & Leadership

- Spearheaded a development team for the Department of Health and Human Services (HHS) to build the "Accelerate Platform," managing goal-oriented sprints and ensuring on-time delivery of mission-critical features.
- Mentored and led a team of developers, conducting code reviews and coordinating tasks to streamline the development of a complex grant proposal ecosystem.
- Architected a dual-framework front end using React and Angular to automate the end-to-end grant proposal submission cycle, significantly reducing manual processing time.

Technical Execution & Architecture

- Developed sophisticated financial modules, including a custom calculator engine to process real-time totals, percentages, and balances with high precision.
- Implemented secure, immutable data workflows by integrating AWS services with Blockchain technology for dashboard data integrity.
- Engineered and deployed serverless logic using AWS Lambda (Node.js) to handle backend processing and data transformations.
- Contributed to a transition toward microservices architecture, improving system scalability and facilitating smoother DevOps deployment cycles.

UI/UX & Quality Assurance

- Translated high-fidelity mockups into modular, reusable UI components while establishing comprehensive UX guidelines for the platform's dashboard.
- Enhanced data integrity by implementing robust form validation logic, preventing submission errors and ensuring high-quality data entry for federal grants.
- Managed complex version control workflows using Git, ensuring codebase stability across multiple feature branches and environments.

Collaboration & Methodology

- Optimized cross-functional collaboration within an Agile environment, utilizing Jira for sprint planning and Microsoft Teams for stakeholder communication.

Leadership & Strategic Execution

- Served as Frontend Subject Matter Expert (SME) for a high-priority Guidehouse contract, translating complex government Request for Proposal (RFP) requirements into technical specifications and development roadmaps.
- Led the architectural decisions for the frontend stack, ensuring all deliverables met the rigorous compliance and security standards outlined in federal guidelines.
- Authored the Voluntary Product Accessibility Template (VPAT), guaranteeing that the application achieved full Section 508 and WCAG compliance for government accessibility requirements.

Data Engineering & Visualization

- Engineered an interactive data visualization suite using React and Google Charts, featuring a multi-level Treemap that dynamically consumes and renders Machine Learning API data.
- Developed sophisticated drill-down logic that bridges graphical data with PrimeNG DataTables, allowing users to navigate from high-level visual trends to granular, context-aware company profiles.
- Architected dynamic data-binding components that surface real-time Company Profiles and ML-driven insights based on specific user interactions and visualization filters.

Workflow & Collaboration

- Facilitated high-velocity communication and rapid iteration cycles within an Agile environment, providing real-time progress updates to stakeholders and utilizing Jira and Slack for seamless coordination.
- Managed version control and codebase integrity using Git, ensuring consistent deployment standards across the development lifecycle.

Engineering & Migration

- Developed high-traffic credit card application and landing pages for Capital One, utilizing a modern tech stack including Angular, React, and TypeScript to deliver a seamless financial user experience.
- Spearheaded the architectural planning and migration of legacy web modules to React, optimizing component reusability and improving long-term codebase maintainability.
- Integrated complex RESTful APIs, performing advanced data manipulation and transformation to support dynamic, real-time financial data visualization.

State Management & Architecture

- Architected robust state management solutions using RxJS within Angular, implementing Redux-inspired patterns to ensure predictable data flow and consistent application state across complex user journeys.
- Leveraged Adobe Experience Manager (AEM) and other enterprise CMS solutions to manage and deploy dynamic content across large-scale financial platforms.
- Translated high-level UX requirements from Confluence into responsive, accessible, and pixel-perfect web interfaces, ensuring strict adherence to brand guidelines.

Quality, SEO & Methodology

- Implemented SEO best practices and performance optimizations, increasing site visibility and improving search engine rankings for key financial products.
- Ensured high code reliability and stability through comprehensive unit and end-to-end testing using Jasmine and Protractor.
- Facilitated Agile workflows by actively participating in daily Scrum ceremonies, providing technical leadership in stand-ups, and maintaining transparent stakeholder communication via detailed progress reporting.
- Managed version control and collaborative development using Git, ensuring efficient code integration within a fast-paced team environment.

Modernization & Architecture

- Spearheaded the digital transformation of legacy federal systems by refactoring and migrating complex PHP applications into a modern, scalable Angular 5 and TypeScript architecture.
- Orchestrated a modular, service-oriented frontend, developing reusable UI components and services that streamlined the development lifecycle and ensured design consistency across the platform.
- Engineered sophisticated data-processing pipelines using custom TypeScript logic to transform raw, multi-dimensional datasets into intuitive, user-friendly information for federal stakeholders.

Data Visualization & Geospatial Intelligence

- Architected an interactive geospatial dashboard for the Department of Energy, leveraging jVectorMap and RESTful APIs to visualize real-time national energy data.
- Developed high-performance data grids and visualizations using D3.js and ag-Grid, enabling users to perform deep-dive analysis on state-level datasets through interactive, dynamic tables.
- Optimized front-end performance for data-heavy views, ensuring seamless rendering of complex visualizations and large-scale data tables.

Technical Workflow & Quality

- Managed robust version control workflows using Git and SourceTree, maintaining codebase integrity and facilitating collaborative development in a high-security environment.
- Collaborated with cross-functional teams to translate government-specific technical requirements into responsive, high-fidelity web applications using HTML5 and CSS3.

Frontend Engineering & UI Architecture

- Engineered enterprise-grade web solutions for Traveler's Insurance, transforming complex Jira user stories into high-performance UI components using Knockout.js, HTML5, and CSS3.
- Architected a dynamic, responsive grid system leveraging Bootstrap to manage the alignment and rendering of 30+ template views, ensuring a consistent user experience across the insurance portal.
- Developed custom, interactive UI widgets, including self-scaling input components and dynamic text systems, to improve data entry efficiency and user engagement by 15%.

Data Integration & Technical Strategy

- Facilitated seamless data delivery by consuming and managing RESTful API states, ensuring real-time data synchronization between the backend and complex frontend views.
- Consulted on SEO best practices and UI optimization strategies, enhancing application discoverability and aligning frontend architecture with modern search engine standards.

Cross-Functional Leadership & Collaboration

- Bridged the gap between technical and non-technical stakeholders, translating business requirements from UX designers and senior management into actionable development roadmaps.
- Collaborated in an Agile environment to prioritize feature backlogs and ensure that technical deliverables met the rigorous standards of the insurance industry.

Full-Stack Development & Architecture

- Spearheaded the end-to-end development of mission-critical web applications for Union Pacific Railroad, transitioning complex technical requirements into high-performance digital solutions.
- Architected and deployed dynamic, responsive web platforms by transforming high-fidelity wireframes into functional applications using Angular, Node.js, and HTML5/CSS3.
- Engineered robust backend integration layers, managing asynchronous service requests and responses to ensure real-time data synchronization across the logistics network.

Data Visualization & Interface Engineering

- Developed advanced, data-driven table components featuring dynamic headers and content rendering based on complex filtering logic and global constants.
- Streamlined large-scale data management by implementing specialized filters and services, allowing users to efficiently navigate and analyze massive logistics datasets.
- Improved user workflow efficiency through the creation of intuitive, interactive dashboards that simplified complex operational data.

UI/UX Design & Optimization

- Bridged the gap between technical specifications and user experience by converting complex requirements into visual mockups and interactive prototypes.
- Optimized application performance and search engine visibility, ensuring high-speed rendering and adhering to modern SEO and web performance best practices.
- Collaborated with cross-functional teams to ensure that all web solutions met the rigorous security and reliability standards required for national infrastructure software.

Frontend Engineering & UI Fidelity

- Spearheaded the frontend development for the global DuPont Innovations campaign, transforming high-fidelity PSD designs into interactive, pixel-perfect web pages using VanillaJS, jQuery, and HTML5/CSS3.
- Developed and integrated custom frontend components within the Drupal CMS environment, ensuring seamless content management and high-performance page rendering.
- Leveraged the Foundation framework to build modular, reusable UI patterns that accelerated the development lifecycle for multi-page campaign deployments.

Responsive Architecture & Modern Web Standards

- Engineered a robust, mobile-first responsive architecture using adaptive breakpoints (.small, .medium, .large) to ensure a flawless user experience across a diverse range of device viewports.
- Implemented scalable typography and layout systems using REM units, significantly improving accessibility and visual consistency across different browser zoom levels and resolutions.
- Optimized asset delivery by utilizing SVG-based imagery, ensuring crystal-clear graphics on high-density (Retina) displays while reducing overall page load times.

Technical Collaboration & Version Control

- Facilitated agile collaboration with a distributed team of developers, utilizing Git for version control to maintain codebase integrity and ensure conflict-free deployments.
- Ensured cross-browser compatibility and optimized frontend performance, maintaining the high visual standards required for a Tier-1 global innovation brand.

Frontend Engineering & Application Development

- Engineered the "Aurora Promotions" platform for The Home Depot Headquarters, an enterprise-level application designed to automate and manage high-volume retail discount campaigns.
- Architected modular UI components and custom directives using AngularJS (1.7) and Node.js, establishing a reusable frontend framework that streamlined the campaign creation workflow.
- Developed high-performance data-binding logic to support real-time updates and complex state management within a data-intensive promotional dashboard.

Data Integrity & UX Optimization

- Optimized data discoverability and user efficiency by developing custom sorting and filtering directives, enabling seamless navigation through thousands of searchable promotional records.
- Implemented a robust data validation layer using Regular Expressions (Regex) and custom Angular directives, ensuring 100% data accuracy for financial promotion entries and reducing submission errors.
- Enhanced the user interface using HTML5 and CSS3, ensuring the dashboard met corporate design standards while maintaining high usability for internal marketing teams.

Agile Collaboration & Technical Workflow

- Managed the full software development lifecycle (SDLC) using Git and GitHub, facilitating code quality through rigorous peer reviews and collaborative Pull Request (PR) workflows.
- Executed high-priority feature development and complex bug resolution tracked via Jira, consistently meeting sprint goals within a high-velocity Agile environment.
- Facilitated cross-functional alignment by delivering technical presentations and participating in daily Scrum ceremonies, ensuring project milestones were met on schedule.

Enterprise Solutions & ECM Engineering

- Engineered bespoke frontend solutions within the Alfresco Enterprise Content Management (ECM) ecosystem, customizing the Document Management System (DMS) to streamline complex organizational workflows.
- Architected and deployed tailored user interfaces for Alfresco-based platforms, improving document accessibility and information retrieval efficiency for enterprise-level users.
- Developed high-performance, responsive web interfaces using HTML5, CSS3, and JavaScript, ensuring seamless integration with Alfresco's backend services and APIs.

Consultative Development & UX Strategy

- Spearheaded technical audits of client-facing applications, identifying performance bottlenecks and proposing strategic UI/UX enhancements that improved user adoption and system usability.
- Assessed legacy application architectures and provided data-driven recommendations to modernize the frontend, resulting in a more intuitive and efficient digital experience.
- Designed and implemented feature updates that aligned with client business goals, focusing on reducing friction within the document lifecycle.

Stakeholder Engagement & Agile Methodology

- Transformed abstract development concepts into actionable technical deliverables by collaborating with cross-functional teams in high-level strategy and planning sessions.
- Facilitated project alignment by actively contributing to team ceremonies, ensuring that all application changes were executed in accordance with client requirements and technical best practices.

Responsive Engineering & Performance Optimization

- Spearheaded the development of mobile-first web applications for a diverse portfolio of high-profile clients, leveraging Bootstrap's fluid grid system to ensure seamless cross-device compatibility.
- Engineered pixel-perfect, hand-coded responsive layouts using HTML5 and CSS3, maintaining high design fidelity from initial concept to production deployment.
- Architected frontend solutions with a focus on SEO best practices, optimizing site architecture and metadata to improve organic search visibility and user acquisition.

Advanced Frameworks & Modular Architecture

- Developed complex, single-page applications (SPAs) utilizing Backbone.js for MVC structure, Underscore.js for data manipulation, and RequireJS for asynchronous module definition (AMD).
- Optimized development workflows by utilizing LiveScript, Jade (Pug), and Stylus pre-processors to write cleaner, more maintainable code and accelerate build times.
- Managed full-stack integrations using PHP and Microsoft Visual Studio, ensuring robust communication between the frontend interface and backend server logic.

Security & Code Integrity

- Hardened application security by implementing rigorous data validation and output escaping protocols, successfully mitigating vulnerabilities such as Cross-Site Scripting (XSS).
- Facilitated collaborative development and version control within Microsoft Visual Studio, ensuring codebase stability through meticulous merging and peer review processes.

Frontend Architecture & Data Management

- Engineered a dynamic, single-page application (SPA) for the National Institute of Health (NIH) using Backbone.js and jQuery, implementing a robust MVC architecture to manage complex scientific datasets.
- Architected data-driven logic using Backbone Models and Collections, ensuring structured data management and efficient synchronization between the frontend and the database.
- Developed asynchronous data-fetching routines to query and render real-time database content based on complex user input parameters, improving data accessibility for research stakeholders.

UI/UX Engineering & Performance

- Translated high-fidelity UI/UX mockups into a fully functional, intuitive interface, ensuring that the final product met the rigorous visual and functional standards of a leading federal research institution.
- Implemented a sophisticated event-driven UI system, managing dynamic view states (hide/show logic) to provide a seamless, non-refreshing user experience during data navigation.
- Optimized frontend performance and state management, ensuring that the application could handle large-scale data queries with minimal latency and high responsiveness.

Technical Workflow & Compliance

- Leveraged modern HTML5 and CSS3 to build a responsive, accessible interface tailored to the needs of the scientific and medical community.
- Collaborated with backend teams and stakeholders to ensure that the user interface correctly represented complex relational data stored in the institute's databases.

Marketing Automation & Feature Engineering

- Orchestrated enterprise-level marketing automation and email distribution systems, streamlining lead generation workflows and optimizing user engagement across digital campaigns.
- Engineered interactive web solutions for leadership development programs, including the development of custom booking engines and secure membership portals to enhance user retention.
- Developed high-conversion landing pages using modern web standards, ensuring a seamless user journey from initial marketing touchpoints to final product enrollment.

Digital Operations & Project Coordination

- Streamlined operational efficiency by managing complex scheduling architectures and automated communication funnels, ensuring high-fidelity delivery of internal events and stakeholder updates.
- Facilitated cross-functional project alignment by acting as the primary liaison for marketing communications, translating organizational goals into technical execution.

Remote Collaboration & Agile Workflow

- Mastered high-velocity collaboration within a distributed (80% remote) team environment, utilizing asynchronous communication tools to maintain 100% project visibility and meet aggressive deadlines.
- Leveraged Agile methodologies to manage task priorities and maintain constant communication with stakeholders, ensuring high output and minimal friction in a remote-first setting.

Technical Research & Continuous Improvement

- Spearheaded technical R&D initiatives to identify, evaluate, and integrate emerging technologies and industry best practices into the development lifecycle, ensuring modern and scalable web solutions.
- Championed the adoption of optimized coding standards, conducting deep-dive research into frontend performance trends to maintain a competitive and high-performing tech stack.

Quality Assurance & Code Integrity

- Conducted rigorous code audits and peer reviews of markup (HTML), styles (CSS), and logic (JavaScript), ensuring syntactic precision, cross-browser consistency, and adherence to clean code principles.
- Managed comprehensive debugging workflows, utilizing browser developer tools to isolate and resolve complex CSS rendering issues and jQuery logic errors, reducing frontend bugs.

Interactive UI Development

- Engineered dynamic, highly interactive user interfaces by leveraging jQuery for DOM manipulation, event handling, and asynchronous content updates to improve user engagement.
- Enhanced the User Experience (UX) by transforming static web layouts into fluid, state-aware applications that respond intuitively to user interactions.

Full-Stack Engineering & UI Fidelity

- Transformed high-fidelity Photoshop (PSD) designs into a fully functional, data-driven web application utilizing a full-stack architecture of PHP, JavaScript, and HTML5/CSS3.
- Architected pixel-perfect frontend interfaces, ensuring that complex design specifications were translated into responsive, high-performance web components with cross-browser consistency.
- Managed the end-to-end development lifecycle, from initial asset slicing in Photoshop to backend logic implementation, to deliver a seamless user experience.

Data Visualization & Geospatial Intelligence

- Engineered a dynamic data visualization suite by parsing and processing complex XML datasets to render interactive pie charts and geospatial maps.
- Developed a custom, interactive US map interface that allows users to seamlessly navigate and retrieve granular data for a portfolio of 200+ residential properties.
- Streamlined information discovery by implementing asynchronous data-loading routines, enabling real-time interaction with large-scale property listings without page refreshes.

Interactive Interface Design

- Developed custom, event-driven interactive maps using jQuery and Vanilla JavaScript, enhancing visual navigation and improving user engagement metrics.
- Integrated sophisticated image-mapping techniques and dynamic UI elements to simplify the user journey across complex, multi-layered property data views.

Frontend Engineering & Accessibility

- Spearheaded the development of high-impact web platforms for the NAACP and other leading advocacy organizations, ensuring pixel-perfect UI/UX and cross-browser consistency.
- Engineered hand-coded, Section 508 compliant interfaces using HTML5, CSS3, and JavaScript, ensuring full digital accessibility for all users in accordance with federal standards.
- Architected custom, interactive user interfaces and high-fidelity prototypes, transforming complex PSD designs and wireframes into fully functional, responsive web applications.
- Led the design-to-production pipeline, utilizing WordPress and custom JavaScript frameworks to establish robust online identities for diverse client portfolios.

Digital Strategy & Search Engine Performance

- Engineered comprehensive SEO/SEM and digital marketing campaigns that secured #1 Google rankings for hundreds of competitive keywords, drastically increasing organic reach and user conversion.
- Consulted on modern digital transformation strategies (Web 2.0) to optimize online communication, community engagement, and brand awareness for mission-driven organizations.
- Directed technical audits and future-state technology roadmaps, evaluating emerging frameworks to future-proof client digital ecosystems and infrastructure.
- Optimized social media architectures and enterprise communication systems (personalized domains/email), ensuring a unified and professional digital presence.

CMS Management & Client Consultation

- Leveraged the Convio CMS (Blackbaud) to manage complex donor relationships and execute large-scale digital advocacy campaigns, streamlining content delivery and stakeholder engagement.
- Acted as a Technical Consultant to translate organizational pain points into scalable digital solutions, bridging the gap between non-technical stakeholders and high-level engineering.
- Managed the end-to-end client lifecycle, from initial requirement gathering and wireframing to deployment, maintenance, and long-term strategic support.

Data Management & Digital Transformation

- Engineered a centralized tracking system using Microsoft Access to digitize and manage high-volume incoming telecommunications, significantly improving document retrieval speed and record accuracy.
- Spearheaded a comprehensive digital transformation initiative, migrating legacy physical archives into a secure digital document management system to enhance data accessibility and reduce physical storage costs.
- Architected data entry workflows that streamlined the categorization of sensitive records, ensuring a searchable and organized repository for organizational stakeholders.

Operations, Security & Compliance

- Maintained active government security clearances to handle sensitive and classified information, adhering to strict federal protocols regarding data privacy and information security.
- Collaborated in daily operational briefings and productivity meetings, providing status updates and aligning technical tasks with departmental mission goals.
- Ensured 100% compliance with internal data handling standards, maintaining high levels of operational reliability within a regulated environment.

Technical Documentation & Asset Management

- Leveraged the Microsoft Office Suite to develop professional presentations and technical reports for senior leadership, translating operational data into actionable insights.
- Utilized Adobe Photoshop to optimize visual assets and imagery for digital presentations, ensuring high-quality formatting and professional design standards.