

Raul Sanz

Full Stack Developer



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Bronx, New York

PROFILE

Full Stack Developer with 7+ years of experience designing, developing, and maintaining scalable web applications. Proficient in modern front-end technologies including JavaScript (ES5/ES6), React.js, Next.js, Vue.js, and Angular, with a strong focus on building responsive, user-friendly interfaces. Experienced in back-end development using Node.js, RESTful APIs, and working with databases such as MySQL, PostgreSQL, and MongoDB. Skilled in developing end-to-end solutions, integrating APIs, optimizing application performance, and translating UI/UX designs into clean, maintainable code. Passionate about building efficient, high-quality applications while following modern development practices and collaborating effectively with cross-functional teams.

SKILLS

Front-End Development: React.js, Angular, Next.js, HTML5, CSS3, Bootstrap, Tailwind CSS, MUI, Webpack

Back-End Development: Node.js, Express.js, Nest.js, .NET (C#), ASP.NET, Blazor, Python

Database Management: MongoDB, MySQL, PostgreSQL, Redis.

AI & Modern Development: OpenAI API, AI API Integration, Prompt Engineering, LLM-powered Applications, GitHub Copilot.

Cloud Platforms: AWS, Azure, GCP

DevOps & Tools: Docker, Kubernetes, Git, CI/CD Pipelines

Other Skills: Authentication (OAuth, JWT, Firebase Auth), GraphQL, RESTful APIs, Web Accessibility (WCAG), TypeScript, JavaScript (ES6+)

PROFESSIONAL EXPERIENCE

MFGX LLC

03/2022 – Present | Remote

Senior Full Stack Developer

- Led the development of scalable web applications using React.js and Node.js, improving application performance, scalability, and overall user experience.
- Built and maintained dynamic Single Page Applications (SPAs) with React.js, delivering responsive and high-performing user interfaces.
- Modernized legacy systems by migrating them to modern architectures and frameworks, reducing page load times by 35% and improving maintainability.
- Developed and managed backend services with Node.js, implementing RESTful APIs and GraphQL to enable seamless communication between front-end applications and databases.
- Managed database operations using MySQL and MongoDB, ensuring efficient data storage, retrieval, and system migrations.
- Collaborated with DevOps teams to implement CI/CD pipelines, streamlining deployments and significantly reducing release cycles.
- Integrated third-party APIs and external services, including payment gateways, authentication systems, and other business-critical integrations to expand application functionality.
- Worked closely with UI/UX designers, product managers, and cross-functional teams to translate business requirements into scalable technical solutions.

Full Stack Developer

- Developed and deployed scalable Single Page Applications (SPAs) using the MERN stack (MongoDB, Express.js, React.js, Node.js), ensuring high performance and responsiveness for complex user interactions.
- Led the transition from Vanilla JavaScript to React.js, modernizing the front-end architecture and improving maintainability and development efficiency.
- Collaborated closely with clients to understand business requirements and translate them into dynamic, responsive web interfaces using JavaScript, HTML, and CSS.
- Implemented robust client-side validation, reducing form submission errors by 30% while improving overall user experience and data integrity.
- Built reusable React components and adopted modular CSS methodologies, streamlining front-end development workflows and maintaining consistency across projects.
- Worked with cross-functional teams including designers and project managers to align UI/UX strategies and deliver projects on time.
- Optimized both front-end and back-end performance, identifying and resolving bottlenecks that resulted in a 20% reduction in application load times.
- Integrated Node.js APIs with MySQL and MongoDB databases, ensuring reliable data flow and smooth system functionality.

Netlify, Inc

10/2017 – 01/2019 | San Francisco, California

Web Developer

- Contributed to a company-wide initiative at Endeavour Business Media to design and develop a custom web framework for building scalable and high-performance websites using React, Vite, Node.js, and MongoDB.
- Developed and optimized dynamic React UI components, improving client-side rendering and overall site performance.
- Diagnosed and resolved complex CSS and layout issues, ensuring pixel-perfect designs and consistent user experiences across multiple devices and browsers.
- Integrated RESTful APIs and managed data operations with MongoDB, improving content management workflows and application performance.
- Collaborated closely with design and product teams to implement responsive, user-focused layouts that increased user engagement and usability.
- Implemented efficient state management solutions to improve data flow and navigation across the application, resulting in smoother user interactions.
- Improved front-end development efficiency by building reusable components and modular CSS structures, ensuring maintainability and consistency across projects.

EDUCATION

Bachelor of Science in Computer Science
Tennessee State University

10/2013 – 07/2017 | Nashville, TN