

RAUL SANZ

Senior Full Stack Developer

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SUMMARY

Full Stack Developer with 7+ years of experience designing, developing, and maintaining scalable web applications across frontend and backend systems. Proficient in modern frontend technologies including JavaScript (ES5/ES6), React.js, Next.js, Vue.js, and Angular, with a strong focus on building responsive and user friendly interfaces. Experienced in backend development using Node.js, .NET Core (C#), and Python (FastAPI, Flask), with expertise in RESTful APIs, microservices based architecture, and secure authentication systems. Skilled in working with MySQL, PostgreSQL, and MongoDB, focusing on performance optimization and scalable database design. Experienced in building end to end solutions, integrating third party APIs, improving application performance, and delivering clean, maintainable, production ready code. Familiar with CI CD workflows and cloud deployment practices. Passionate about building efficient software and collaborating with cross functional teams to deliver reliable digital products.

EXPERIENCE

03/2022 - Present

Remote

Senior Full Stack Developer

Mfgx llc

- Led end to end development of scalable web applications using React.js, Node.js, and .NET Core, improving system performance, scalability, and user experience across multiple products.
- Built and maintained high performance Single Page Applications (SPAs) using React.js and TypeScript, ensuring responsive UI and optimized rendering.
- Developed backend services using Node.js, .NET Core (C#), and Python (FastAPI), designing modular and maintainable architectures for enterprise level systems.
- Migrated legacy monolithic systems to modern microservices based architecture, reducing page load time by 35% and improving long term maintainability.
- Designed and implemented RESTful APIs and GraphQL services, enabling seamless communication between frontend applications, backend services, and third party systems.
- Managed databases using MySQL, PostgreSQL, and MongoDB, optimizing queries, improving indexing strategies, and ensuring data consistency across services.
- Worked on cloud ready deployments using CI CD pipelines, improving release cycles and reducing manual deployment effort significantly.
- Integrated third party services including payment gateways, authentication systems (OAuth, JWT), and external business APIs to extend platform functionality.
- Collaborated with UI UX designers, product managers, and cross functional teams to convert business requirements into scalable technical solutions.
- Applied clean architecture principles and best practices to improve code quality, testability, and long term maintainability across all services.

03/2019 - 02/2022

McLean, VA

Full Stack Developer

McLean

- Developed and deployed scalable Single Page Applications (SPAs) using the MERN stack (MongoDB, Express.js, React.js, Node.js), ensuring high performance and smooth user experience for complex workflows.
- Led migration from Vanilla JavaScript to React.js, modernizing frontend architecture and improving maintainability and development efficiency.
- Collaborated with clients to gather requirements and translate them into responsive web interfaces using JavaScript, HTML, and CSS.
- Built reusable React components and modular CSS structures, improving code reusability and maintaining UI consistency across applications.
- Optimized frontend and backend performance, resolving bottlenecks and improving application load times by 20 percent.
- Integrated Node.js APIs with MySQL and MongoDB databases, ensuring reliable data flow and stable system performance.

10/2017 - 01/2019

San Francisco, California

Web Developer

Netlify

- 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

SKILLS

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+)

EDUCATION

- 10/2013 - 07/2017
- Nashville, TN
- Bachelor of Science in Computer Science
Tennessee State University