Alessandro Rivas

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Profile

Fullstack Software Engineer specializing in Frontend development and AI-powered natural language interfaces. Expertise in building scalable, SEO-friendly, and highly optimized web applications that bridge the gap between complex backend data visualization and intuitive user experiences.

Experience

Fullstack Developer, Agora Partnerships – New York, United States   Sept 2024 – Present

- Engineered end-to-end features across frontend and backend repositories to enhance system functionality.
- Architected MongoDB aggregation pipelines to power complex data visualization through interactive charts and tables.
- Optimized system performance and reduced latency by implementing strategic caching and query optimization.
- Lead the refactoring of core UI components to ensure 100% compliance with accessibility and SEO best practices.
- Improved codebase maintainability by modularizing SCSS into modern CSS-in-JS structures.
- Developed an AI chatbot interface enabling users to interact with system data using natural language.

Fullstack Developer, IT GOES – San Salvador, El Salvador   Aug 2023 – Sept 2024

- Spearheaded the design and implementation of a production ready MVP in just two months, digitizing previously manual procedures.
- Adapted to diverse project needs by utilizing various frameworks and emerging technologies.
- Established automated testing and quality assurance workflows using GitHub Actions and Playwright.
- Managed CI/CD pipelines and production deployment configurations to ensure high availability.
- Built high performance frontend applications strictly following design guidelines and industry best practices.
- Collaborated within a Scrum environment to resolve high-priority technical tickets and feature requests.

Frontend Developer, Ministry of Agriculture and Livestock – Santa Tecla, El Salvador   Mar 2023 – July 2023

- Led a development team focused on resolving critical production bugs for a large scale application.
- Contributed to the planning and requirements gathering phase of the software development lifecycle.
- Implemented new feature architectures within monolithic codebases using optimized coding patterns.

Frontend Developer, Conexión El Salvador – San Salvador, El Salvador   Jan 2023 – July 2023

- Refactored critical UI components like forms and tables to maximize usability and web accessibility.
- Introduced modern microframeworks to the team to accelerate the internal development process.
- Developed internal monitoring and reporting tools using cloud-based serverless architectures.
- Constructed single page applications following best practices for state management and routing.

Frontend Developer, Alura Latam & Oracle ONE – Latin America   Nov 2022 – Oct 2023

- Contributed to daily stand ups and feature discussions within a collaborative development environment.
- Worked on cross functional team projects to refine coding skills and development workflows.
- Developed responsive website templates and pages using vanilla HTML, CSS, and JavaScript.

Education

ITCA - FEPADE, Degree en Mechatronics Engineering – Santa Tecla, El Salvador   2017 – 2023

Ticongle Academy, Bootcamp en Web Development – San Salvador, El Salvador   2023 – 2023

ONE | Oracle y Alura Latam, Studies en Software Development – Latin America   2022 – 2023

Skills

Frontend: HTML, CSS, SCSS, Bootstrap, TailwindCSS, AntDesign, Shadcn, HeroUI, Material Design, JavaScript, TypeScript, jQuery, Alpine.js, Vue, React, Svelte, Astro, Next.js, Nuxt, SvelteKit

Backend: Node.js, Express, NestJS, Python, Flask, Jinja, Django, PHP, Laravel, Lumen, Blade

DevOps y CI/CD: MySQL, PostgreSQL, MongoDB, DBeaver, Supabase, Playwright, Docker, GitHub Actions, AWS, GCP, Vercel

Tools: Git, GitHub, Bun, VSCode, Windsurf, Cursor, Claude CLI, Gemini CLI, Vite, Windows, MacOS, Linux

Soft Skills: Assertive communication, teamwork, adaptability, conflict resolution, positive attitude, responsibility, discipline

Languages: Native Spanish, Professional English B2