

MARK ALEJO

Software Engineer

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EXPERIENCE

Software Engineer, 100 Devs

01/2023 - Present

- Engineered 5+ full-stack applications using React, TypeScript, Node.js, Express, PostgreSQL, and Supabase—featuring real-time data sync, secure user auth (JWT, bcrypt.js), and RESTful APIs.
- Boosted performance and UX by developing responsive front-ends and modular back-ends, optimizing AP response times by 30% through async operations, error handling, and efficient routing.
- Maintained clean, scalable codebases using Git/GitHub for version control, React hooks/context for state management, and best practices in architecture and feature branching.

FireFighter, Cal Fire

01/2023 - 10/2024

- Worked closely with a 15-person team, including leadership roles such as Fire Captain and Fire Engineer, to execute coordinated response strategies.
- Conducted thorough pre-operation inspections of emergency vehicles to guarantee reliable performance under high-pressure conditions.

PROJECTS

GitHub Repo Explorer App, Next.js, Express, Supabase

- Implemented Supabase auth with JWT to enable secure login and protected repo favoriting features.
- Built a responsive UI with Next.js and TypeScript, integrating the GitHub REST API for real-time repo and display.
- Developed modular Express routes and applied clean state management with React hooks for scalability and performance.

Job Tracker App, Node/Express and PostgreSQL

- Built secure RESTful APIs with Express and PostgreSQL, supporting full CRUD functionality with role-based access.
- Integrated Supabase for user authentication and session management, ensuring data is scoped per user.
- Applied MVC architecture, robust input validation, and GitHub version control to support scalability and deployment readiness.

Skills & Technical Tools

Languages

JavaScript, TypeScript, SQL, Java, Python, CSS

Technologies

React, Node.js, Next.js, Express.js, Git, GitHub, VSCode, Postman, PostgreSQL

EDUCATION

San Diego Community College

2017 - 2020