# Erdoan Shaziman

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Software Engineer

Full-stack Software Engineer with 5+ years of experience building scalable applications using React, TypeScript, and FastAPI. Skilled in modernizing legacy systems and driving performance improvements, including reducing build times by 30–40%. Experienced in implementing secure authentication with AWS and delivering end-to-end features in cross-functional Agile teams.

## Technical Proficiencies

**Languages & Frameworks:** JavaScript, TypeScript, Python, React, FastAPI, Node.js
**Cloud & DevOps:** AWS, Docker, CI/CD (GitHub Actions, GitLab, Bitbucket), Jira, Confluence
**Databases & ORMs:** PostgreSQL, MySQL, MongoDB, SQLAlchemy, Alembic, Pydantic
**Testing & Tools:** Vitest, Pytest, GraphQL (Apollo), Redux Toolkit, Vite, Webpack

## Career Experience

**Cymantix, Chapel Hill, NC**                                                                 **Jan 2024 - Present**
Software Engineer  - Full-time - Remote

I specialize in full-stack development and codebase modernization, with a focus on improving product efficiency and delivering new features.
- **Front-End Architecture:** Architected and led a front-end monorepo migration, which consolidated multiple codebases. I also spearheaded the migration from Webpack to Vite, reducing development build times by 40% and overall build times by 30%.
- **Maintained full product ownership**: Delivering new features, updating the design system, and managing front-end deployments, including a period of independent codebase maintenance.
- **Drove the modernization of a legacy product**: Converted an older codebase to modern React functional components and simplified Redux state management.
- **Backend Services & APIs**: Implemented and maintained backend services, creating new APIs and designing CRUD routes to improve overall system performance and security. By simplifying existing query responses, I also helped clean up front-end code and remove unnecessary type checks.

**Horizon3.ai, San Francisco, CA**                                                           **Dec 2021 - Jan2024**
Software Engineer  - Full-time - Remote

I played a pivotal role in building the new UI of the app and implemented critical components to the design system. Key responsibilities and achievements include:
- **UI Modernization**: Contributed to the development of a new UI from the ground up, successfully retiring the legacy application and modernizing the front-end with the latest technologies.
- **Authentication Implementation**: Engineered robust and secure authentication systems for the new UI, ensuring user data integrity and privacy.
- **Design System Development**: Contributed significantly to the development of the design system by creating reusable UI components, enhancing consistency and efficiency in UI development.
- **Feature Development**: Spearheaded the implementation of complex features, including scheduling using cron, building UI elements, and developing the pentest modal—a critical component of the application.

## Professional Training

**Full Stack Web Development, Ruby on Rails, & JavaScript Program,** Flatiron School, New York City, NY, 2020