

TECHNICAL SKILLS

Strong: JavaScript, Typescript, Node.js/Express, HTML/CSS, React.js/Next.js, GraphQL, TailwindCSS, PostgreSQL, Git

Experienced: Java, SpringBoot

Practicing: TCP / IP, Kafka, Rust (CLI, TUI, Axum), Pytorch

PROFESSIONAL EXPERIENCE

Ridge

Santa Monica, CA

Software Developer

July 2021 - Present

- Engineer Next.js/Typescript, TailwindCSS, Builder.io, and Netlify to build faster landing pages that can be quickly iterated by the marketing and design teams while maintaining web speed performance from over a second to 500ms.
- Developed CLI tool using Node.js and TypeScript to sync master repo with 7 child repositories, enabling efficient code sharing and deployment across international stores while providing granular control over file exclusions, merge strategies, and environment settings.
- Designed and implemented a comprehensive testing framework using Cypress, ensuring the integrity and reliability of the codebase by automating end-to-end tests, reducing manual testing efforts, and enabling seamless integration with the CI/CD pipeline with Github Actions.
- Collaborated closely with the art director to establish a streamlined design to development process, optimizing communication, reducing iteration cycles, and ensuring pixel-perfect implementation of design assets while maintaining code quality and maintainability.
- Architected and implemented complex, interactive features such as modular email capture modals, dynamic upsell logic in the shopping cart, and intelligent country-specific redirects for international expansion, leveraging JavaScript, jQuery, and third-party APIs to enhance user engagement and conversion rates.
- Partnered closely with the design team to elevate the user experience, optimizing interface elements and mobile responsiveness through strategic SCSS adjustments and HTML restructuring, resulting in a 25% increase in mobile conversions and a 15% boost in overall customer satisfaction.
- Drove a culture of code quality and maintainability by enforcing strict version control practices, conducting frequent and thorough code reviews, and implementing best practices for branching, merging, and conflict resolution, ensuring the codebase remained scalable and adaptable to evolving business requirements.

PROJECTS

Siramiks | *Spring Boot e-commerce microservice backend service*

- Designed and implemented a scalable, resilient e-commerce platform using a microservices architecture, leveraging technologies like Spring Cloud, Eureka, OpenFeign, and Zipkin to enable service discovery, inter-service communication, and distributed tracing.
- Developed a robust API Gateway using Spring Cloud Gateway, handling cross-cutting concerns such as authentication, rate limiting, and load balancing, ensuring a secure and efficient entry point for client applications.
- Utilized Spring Security and JWT for user authentication and authorization, ensuring the integrity and confidentiality of user data across the microservices.
- Integrated with third-party services like Stripe for secure payment processing and Redis for caching and rate limiting, demonstrating the ability to seamlessly incorporate external components into a microservices ecosystem.
- Containerized the microservices using Docker, enabling easy deployment, scaling, and management of the application, showcasing proficiency in modern deployment practices and tools

Rust CLI YouTube Downloader | *A CLI tool to download YouTube videos*

- Developed a CLI application written in Rust that downloads YouTube videos with the option to download audio only.
- Built a progress bar with the *indicatif* crate for visual feedback of the download process.
- Utilized Arc and Mutex to handle shared data between threads efficiently.
- Published on Crates.io

EDUCATION

University of California, Irvine | *Bachelor's of Arts, Public Health*

INTERESTS

Coffee | Electric guitar | Bouldering | Calisthenic exercises | Non-fiction books