MAXWELL BENTON

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211 Banfield Road
East Montpelier, VT

Senior front-end software engineer with proven expertise in designing and developing scalable, high-performance web applications. Adept at translating business requirements into technical solutions, shipping towards moving targets, and debugging complex front-end ecosystems. Skilled in team leadership, training, and fostering a supportive engineering culture.

Professional Experience

Improving LLC, on assignment to Mastercard

Senior Front-End Software Engineer / Service Architect - 03/2023 - Present
- Led the design and engineering work for a major product feature launch, overseeing six months of development from initial design discussions to a phased rollout
- Designed critical application features for Mastercard's suite of online checkout products, Click to Pay
- Planned and prototyped Mastercard's newest Click to Pay product, scheduled for launch later this year
- Coordinated with product and program managers, providing feedback on the feasibility and work required for potential product updates as well as scope and scheduling requirements for upcoming epics
- Translated high-level product discussions to project roadmaps, application designs, and sprint stories
- Collaborated with DevOps on standing up CI/CD pipelines in Jenkins, improving integration testing
- Built an end-to-end Playwright testing tool to act as a gating mechanism in production pipelines
- Developed a post-messaging package and custom post-messaging contracts for product interfaces between Mastercard's online checkout product and the Samsung Pay Wallet
- Created design documentation, risk assessments, UML diagrams, roadmaps, and rollout strategies
- Trained and guided junior and senior front-end software engineers

Senior Front-End Software Engineer - 03/2021 - 03/2023
- Delivered high-quality, well-tested code to applications used in 35 countries by millions of users
- Improved the performance of Mastercard's primary online checkout product, reducing app initialization times by over 15% through better Promise handling and parallelization of asynchronous code execution
- Stepped in for engineering leadership, running team meetings and operating as tech lead when needed
- Provided exceptional customer service while supporting business customers on integration issues
- Contributed to the development and launch of Mastercard's pay-in-installments service for online retailers
- Wrote and maintained public and private documentation for Mastercard products, improving the quality and clarity of business customer integration materials
- Presented project proposals and product demos to Mastercard executive leadership

Flatiron School

Software Engineer - 04/2019 - 12/2020
- Created github-to-canvas, a Ruby gem for bulk migration of content from GitHub to the Canvas LMS
- Implemented a student-facing feedback system for tracking the success of individual pieces of curriculum
- Built tooling to help identify and prioritize GitHub issues, aiding in the closure of thousands of issues
- Designed and created curriculum on Ruby, Rails, JavaScript, and React used by students worldwide

Skills

Programming Languages: TypeScript, JavaScript, Ruby, HTML, CSS
Technical Proficiencies: front-end web development, web application design, Vue, React, Git, Playwright
Adjacent Skills: agile, scrum, troubleshooting, CI/CD, documentation, technical writing, project management, public speaking, customer service, Splunk, performance logging, leadership, mentoring, training