

BLAKE R. ZIMMERMAN

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Experience

- Wonder, Culinary Technology** | Senior Software Engineer II (Tech Lead) Oct '20 – Present
New York, NY
- Led development for an application that managed kitchen tasks and operations to scale Wonder's culinary manufacturing process and capture feedback to validate their R&D formulas.
 - Architected and developed a constraint-based design system containing shared React components and platform-agnostic design tokens.
 - Created a front-end template repo and published internal NPM packages that encouraged uniform best practices and design patterns across our 8 application teams.
- HealCo, Consumer Web** | Senior Software Engineer (Freelance) Jul '19 – Nov '20
Jersey City, NJ
- Integrated Stripe into the web application to enable payments by ACH debits and credit cards.
 - Migrated the entire codebase from JavaScript to TypeScript to reduce bugs and improve maintainability.
 - Consulted on technical design choices and implemented various key features.
- Walmart, Intelligent Retail Lab** | Software Engineer III Mar '18 – Oct '20
Hoboken, NJ
- Implemented, tested, and maintained microservices and web applications to drive innovation at Walmart's in-store AI lab.
 - Architected a comprehensive constraint-based design system to vastly improve the velocity of all front-end engineers at IRL.
 - Developed a service to convert real-time RTSP video to HLS and serve it to the web client with only a 3 second delay.
 - Designed an internal React library for sharing state between browser windows to enable multi-window web application capabilities.
- Jet.com, Order Management** | Software Engineering Intern Jan '17 – Dec '17
Hoboken, NJ
- Developed an Angular 4 front-end from the ground up for a new internal tool that shows divergence between Event Store clusters.
 - Implemented real-time notifications in the catalog management web application using SignalR, RxJS Observables, and F# microservices.
 - Rewrote the authentication system for the catalog management web application to be stateless using Node.js and Passport.js.
 - Developed and deployed production level features to the customer service, order management, and catalog management web applications.

Skills

Languages: TypeScript, JavaScript, HTML, CSS, Sass, Python, Kotlin, Java, C, C++, Elm, F#

Technologies: React, GraphQL, Node.js, Next.js, Webpack, Vite, Redux, Jest, Angular, RxJS, Docker, SQL, NoSQL, Kafka, D3, Git, Splunk, Event Sourcing, Kubernetes

Education

Stevens Institute of Technology, School of Systems and Enterprises May 2019

Major: Software Engineering | **Minor:** Computer Science | **GPA:** 3.45 Hoboken, NJ

US Citizen – Available to Work Immediately