

BLAKE R. ZIMMERMAN

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Experience

Wonder, *Fleet Management* | Senior Software Engineer

Oct '20 – Present

New York, NY

- Led front-end development for a tier 1 web application and implemented large features that improved the efficiency and accuracy of our food preparation process.
- Architected and developed a constraint-based design system containing shared React components and platform-agnostic design tokens.
- Created a front-end template and published internal NPM packages that encouraged uniform best practices and design patterns across our 8 front-end teams.

HealCo, *Consumer Web* | Sr. Software Engineering Consultant

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 innovative in-store experiences for Walmart.
- 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, Java, C, C++, Elm, F#

Technologies: React, GraphQL, Node.js, Next.js, Webpack, 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