Durham, North Carolina leeallen337@gmail.com

Lee Allen

Technologies

JavaScript, TypeScript, React, Redux, Jest, React Testing Library, HTML, CSS, Styled Components, Node, Express, GraphQL, PostgreSQL, Vite, Webpack, Git, AWS

Experience

Senior Web Engineer

(Remote) Cary, NC

Epic Games

2020 - Present

- Outlined and executed a migration from a client-side SDK to a serverless backend service, resulting in over \$100,000 per year in cost savings.
- Enhanced a React application to allow batch downloading 100 crash report files from AWS S3, streamlining troubleshooting for engineering teams.
- Coordinated cross-functional team efforts to implement new features on fortnite.com such as island ratings, design updates, and creator and island reporting.
- Designed and developed an internal package so users could navigate a React application running on consoles using their game controllers.

Senior Software Engineer

Raleigh, NC

ndustrial.io

2018 - 2020

- Improved and maintained the company's React component library, speeding up development while providing design consistency across applications.
- Built a React and Express application for users to manage their assets and related values.
- Contributed to the company's cross-platform JavaScript SDK that integrated with the company's backend microservices.

Software Engineer

Durham, NC

Smashing Boxes

2016 - 2018

- Revamped the company's Webpack build configuration to split code, improving user experience across all projects with faster page loads and improved caching.
- Engineered a comprehensive React/Redux platform for a real estate startup, facilitating seamless connections between photographers and realtors throughout the entire workflow from initial inquiry to final photo/video delivery.
- Spearheaded development of an interactive calendar feature for a tourism SaaS platform, streamlining the event and rental booking process and enhancing user engagement.

Associate Software Engineer

Cary, NC

Fidelity Investments

2015 - 2016

- Constructed a tabbed menu using AngularJS that upgraded the user preference management interface and improved user experience.
- Improved the application's unit test coverage from 0% to over 70%.
- Implemented integration with the company's Java and Freemarker PDF engine, enabling customers to generate and download performance reports of their portfolios.

Education

The University of North Carolina at Chapel Hill

B.S., Mathematical Decision Sciences (Statistics & Operations Research)