

RELAND BOYLE

Software Engineer

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SKILLS and EXPERIENCE

Strong: JavaScript (ES6+) ▪ React ▪ Redux ▪ Material UI ▪ Express.js ▪ Node.js ▪ Express ▪ Docker ▪ Kubernetes ▪ SQL/NoSQL Database ▪ webpack ▪ Sass ▪ Jest ▪ Enzyme ▪ Prometheus ▪ Electron ▪ Amazon Web Services ▪ Linux ▪ HTML
Experienced: TypeScript ▪ Python ▪ OAuth 2.0 ▪ Git/GitHub ▪ Travis CI ▪ Grafana ▪ Google Cloud ▪ Linode ▪ Wordpress

DataCaliper - NetSuite Developer

November 2021 - Present

- Developed custom SuiteScript programs using the SuiteCloud Developer Framework to address clients' business needs
- Produced custom Advanced PDF Templates, Workflows, and Formula Fields to automate tasks and improve user experience
- Leveraged experience gained as a NetSuite Administrator to respond to client requests with effective, creative solutions

CS Study Buddy - Frontend Software Engineer

October 2021 - November 2021

- Designed a React SPA connected to a PostgreSQL database to allow developers to share, search, and filter real interview prompts as well as to connect for pair programming and practice sessions in a realistic simulated interview environment
- Integrated OAuth 2.0 to allow easy, secure signup and login via multiple mainstream strategies (Google, GitHub, etc.)
- Configured webpack with Babel for uglification, minification, and hot module replacement in order to develop a highly compatible application as a lightweight package, adhering to the Doherty Threshold and improving both developer and user experience
- Implemented Express framework over Node.js and followed the middleware design pattern to handle routing and authentication

KR8S for Kubernetes - Full Stack Software Engineer

September 2021 - October 2021

- Created a React/Electron single-page desktop application under the OS Labs tech accelerator to visualize and monitor Kubernetes cluster health and performance metrics, allowing developers to monitor the impact of changes made to the deployed application in real time, streamlining development and reducing the need to monitor and respond to logs by up to 75%
- Automated deployment of a Dockerized multi-service React-based e-commerce application in a local Kubernetes cluster with preconfigured Prometheus server and Grafana dashboards, reducing setup time and minimizing cognitive load for new users
- Leveraged Material UI, React Router, to rapidly construct accessible, production-quality navigation components, reducing the load on the KR8S development team and ensuring a highly consistent, high-quality user experience with minimal overhead

Rate My Code - Backend Software Engineer

August 2021 - September 2021

- Developed a React front-end using Hooks and functional components for modularity, reusability, and performance
- Stored user-generated content in a MongoDB noSQL database to allow for straightforward queries and fast insertions/deletions
- Implemented the Mongoose object data modeling library to create a manageable connection between MongoDB and Express, improving developer experience by simplifying database interactions and enforcing a strict schema to ensure data accuracy

Rich Brilliant Willing - Assistant Director of Operations

January 2016 - August 2021

- Optimized processes across departments by automating repetitive tasks and implementing integrations between Oracle NetSuite ERP/CRM and various secondary platforms, interacting with technologies such as NetSuite Workflows and SuiteScript
- Owned product compliance with international consumer product safety standards and internal quality / performance standards
- Founded and managed RBW's Customer Success Team, hired CSR's, established metrics and service level agreements, ultimately turned over management to a team member and continued to act as a mentor and advanced technical resource
- Led high-value custom projects from ideation through development, scheduling, sourcing, production, and after-sale support

EDUCATION

- Certificate - Full-stack JavaScript Engineer - Codesmith November 2021
- Certified SolidWorks Professional - Mechanical Design - Dassault Systemes June 2020

ACHIEVEMENTS

- Tech Talks - Sponsored by Single Sprout: User Experience Best Practices October 2021
- RBW Help Center (<https://support.rbw.com/kb/en>) August 2021
- CS Study Buddy Group - Host / Instructor June 2021

INTERESTS

User Experience ▪ Solid-state Lighting ▪ Music Production ▪ Bicycle Touring ▪ Adventure Motorcycling ▪ Electric Mobility ▪ Aviation