RELAND BOYLE
Software Engineer

631-806-0019 ▪ reland.boyle@gmail.com ▪ New York, NY ▪ linkedin.com/in/relandboyle ▪ github.com/relandboyle

SUMMARY

Software engineer and generalist with 15+ years of professional experience in product development, mechanical design, project management, vendor relations, compliance, and customer success. Known for immediately becoming a subject-matter expert and a trusted source for technical information. Highly attuned to the needs of the Four Pillars: customer, company, team, and product.

SKILLS

Strong: JavaScript (ES6+) ▪ React ▪ Redux ▪ Express.js ▪ Node.js ▪ Docker ▪ Kubernetes ▪ OAuth 2.0 ▪ SQL/NoSQL Database ▪ Material UI ▪ webpack ▪ CSS/Sass/Less ▪ Jest ▪ Enzyme ▪ Prometheus ▪ Electron ▪ AWS ▪ Linux ▪ HTML
Experienced: TypeScript ▪ Python ▪ Auth0 ▪ Git/GitHub ▪ Travis CI ▪ Grafana ▪ Google Cloud ▪ Linode ▪ Wordpress

Work Experience

DataCaliper - *NetSuite Developer*
November 2021 - March 2022

- Integrated SuiteScript 2.0 programs within SuiteCloud Developer Framework to customize NetSuite instances for 5 clients
- Produced Advanced PDF Templates, Workflows, and Formula Fields to reduce wait time and cognitive load by up to 60%
- Typically responded to client requests within 24 hours with effective, creative solutions and implemented within 5 business days

Rich Brilliant Willing - *Assistant Director of Operations*
January 2016 - August 2021

- Optimized processes across departments, automating repetitive tasks and implementing integrations between Oracle NetSuite ERP/CRM and 4 secondary platforms, working with tech such as NetSuite Workflows and SuiteScript Developer Framework
- Achieved 100% product compliance with relevant consumer product safety standards and internal performance standards
- Founded and managed RBW's Customer Success Team, hired CSR's, established metrics and service level agreements, reduced post-sale support cases from 15% to 5% of all sales while mentoring team members and generating internal tech wiki
- Routinely directed $1M+ custom lighting projects through ideation, design, validation, manufacturing, delivery, and installation

Recent Projects

Drone Tools
March 2022

- Developed a single-page React/TypeScript application to calculate propeller tip speed relative to local Mach 1
- Employed Netlify/AWS Lambda serverless functions to mask sensitive data in API calls from a frontend-only web application
- Doubled development velocity using React Hooks to manage state variables and synchronize user interface elements
- Introduced SCSS style sheets to achieve a responsive, mobile-friendly design that renders gracefully on screens of all sizes

Skills Grid
February 2022

- Constructed a full-stack JavaScript web app with CRUD functionality using DOM manipulation, Express, and plain vanilla JS
- Authored modular LESS style sheets to provide consistent styling and transitions while writing more readable, maintainable CSS
- Realized an idea put forth by Codesmith Chief Academic Officer Phillip Troutman to aid new graduates in the first job search

KR8S for Kubernetes
November 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, providing developers with real-time insight into the impact of changes made to the deployed application, streamlining development and reducing the need to review 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 pre-configured Prometheus server and over 10 Grafana dashboards for a 50% reduction in setup time for new Kubernetes 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

EDUCATION

- Triplebyte Engineering - Certificate — January 2022
- Codesmith - Advanced Residency for Full Stack Engineers - Syllabus — November 2021
- Dassault Systemes - Certified SolidWorks Professional (Mechanical Design) - Certificate — June 2020

ACHIEVEMENTS

- Tech Talks - Sponsored by Single Sprout: User Experience Best Practices — October 2021
- Rich Brilliant Willing - Help Center — August 2021
- CS Study Buddy Group - Host / Instructor — June 2021