RELAND BOYLE

Software Engineer

+1 (631) 806-0019 ▪ reland.boyle@gmail.com ▪ New York, NY ▪ linkedin.com/in/relandboyle ▪ github.com/relandboyle

SKILLS

JavaScript ▪ TypeScript ▪ Java ▪ Dart ▪ Angular ▪ React ▪ Spring ▪ Flutter ▪ D3 ▪ RxJS ▪ Node ▪ Express ▪ Docker
Kubernetes ▪ OpenShift ▪ PostgreSQL ▪ MongoDB ▪ Firebase ▪ Material UI ▪ Angular Material ▪ Flutter Material
CSS/Sass/Less ▪ Electron ▪ AWS ▪ Linode ▪ Linux ▪ OAuth ▪ Auth0 ▪ Grafana ▪ Prometheus ▪ GitHub ▪ BitBucket

Work Experience

Citigroup - *Senior Software Engineer*
May 2022 - Present

▪ Developed Java/Spring microservices to handle over 100,000 monthly real-time transactions in compliance with ISO 20022
▪ Built an Angular web app featuring interactive D3 force-directed graphs with physics simulation displaying microservice topology
▪ Devised an original hiring assessment system for React and Angular developers, providing work simulations to test 1000+ candidates annually, ensuring good hires, increasing development efficiency and improving code quality at the organization level
▪ Transformed 30+ developers into Full Stack Engineers as an FSTEP program SME in TypeScript/Angular and Java/Spring Boot

DataCaliper - *NetSuite Developer*
November 2021 - March 2022

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

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

▪ Optimized processes across departments, automated repetitive tasks and implemented 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 orders while mentoring team members and authoring internal tech wiki
▪ Routinely directed $1M+ custom lighting projects through ideation, design, compliance, manufacturing, delivery, and installation

Recent Projects

Heat-Sync
October 2023 - Present

▪ Configured and launched a Java/Spring server to handle requests from a Flutter client and interact with a PostgreSQL database
▪ Developed a proprietary API to allow users to view real-time reports and data from IoT-connected temperature sensors
▪ Automated tasks via cron scheduler to collect time-series temperature data from over 10,000 rent-regulated apartments
▪ Utilized Flutter widgets to architect a responsive and flexible omni-platform layout maintained within one unified codebase

Drone Tools React, Drone Tools Angular
April 2022 - November 2022

▪ Developed a single-page React/TypeScript application to calculate multirotor aircraft propeller tip speed relative to local Mach 1
▪ Completely rebuilt the application using Angular 13, RxJS Observables and operators, Reactive Forms, and Angular Material
▪ Employed Netlify/AWS Lambda serverless functions to mask sensitive user data in HTTP calls from client to 3rd-party API
▪ Introduced SCSS style sheets to achieve a responsive, mobile-friendly design that renders gracefully on displays up to 4k

Skills Grid
January 2022 - February 2022

▪ Constructed a full-stack JavaScript CRUD application to assist over 500 recent boot camp graduates in their first tech job search
▪ Deployed a Node/Express server and a vanilla JS (ES21) client relying on DOM manipulation and a MongoDB Atlas instance
▪ Authored 7+ modular LESS style sheets to provide consistent styling and transitions while writing more maintainable CSS

KR8S for Kubernetes
September 2021 - November 2021

▪ Created a React/Electron single-page desktop dashboard application 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
▪ Automated deployment of a React/Express test application via multiple Docker containers in a local Kubernetes cluster with preconfigured Prometheus servers feeding Grafana dashboards for a 60% reduction in environment setup time for new users

EDUCATION

▪ Codesmith - Residency for Software Engineers - Syllabus — August 2021 - November 2021
▪ Dassault Systemes - Certified SolidWorks Professional - Certificate — January 2020 - June 2020

ACHIEVEMENTS

▪ Career Support Engineer for Codesmith Alumni — February 2022 - Present
▪ Tech Talks - Sponsored by Single Sprout: User Experience Best Practices — October 2021