

Rob Liota
robliota@gmail.com

Lead software engineer with 14 years of full stack application development experience and 6 years leading small teams of developers; 1 year leading a product pod of two development teams responsible for 3+ products. Well versed in both Object-Oriented and Functional Programming practices.

Background

Technologies: JavaScript (NodeJS, CommonJs), CSS, HTML, Java (8), SQL, Groovy, Grails

Frameworks/Libraries: Microsoft Azure Cloud, VueJS, Pinia/Vuex, test frameworks (Vitest, Jest, Karma, Mocha), BackboneJS, D3.js, Spring Boot, Thymeleaf templates,

Build Tools: Vite, Webpack, Browserify, Babel, NPM/Github Packages, Gradle, Verdaccio

Miscellaneous: Git, accessibility audit tools (Wave, Axe), shell scripting (Mac), Excel/Spreadsheets

Experience

Teach For America

Front End Software Engineer Manager I

June 2024 - Present

(Tech Lead - Full Stack; Front End Center of Excellence Lead)

- Manage the technical direction, strategy and resourcing for software engineering work for a product pod with two teams of developers responsible for 3+ web applications
- Promote healthy team collaboration by instituting formal design review/scope change processes, and generally coaching on healthy communication practices across disciplines
- Lead and mentor developers through code reviews, problem-solving and coaching
- Collaborate and lead discussion with other Tech Leads about programming practices and architecture
- Architect cloud and infrastructure solutions for applications and lead technical discussions and collaboration across teams
- Ensure adherence to development standards, design principles, and DevOps best practices, by example, through advocacy, and deep engagement with the Cloud Platform Engineering team
- Design technical solutions, software architecture, and write code to support user experiences and stakeholder needs
- Conduct [heuristic usability analysis](#) where appropriate
- Lead technical design discussions and codebase/data model explorations with the team

- Advocate for prioritization of accessibility and work with partners on staff to encourage accessibility in their materials and communications
- Evaluate developer candidates for employment

Managing Director of Front End Development

May 2016 - June 2024

- Lead front end architecture discussions and design sessions
- Architected BackboneJS-to-VueJS bridge components for updating legacy technology stacks
- Mentor developers through code reviews, problem-solving and coaching
- Ensure adherence to development standards, design principles in front end development
- Advocate for prioritization of accessibility and work with partners on staff to encourage accessibility in their materials and communications
- Conduct [heuristic usability analysis](#) where appropriate
- Evaluate front end developer candidates for employment

Director, Front End Development(Front End Developer)

January 2014 - May 2016

- Implemented user interfaces and service integrations
- Guide back end developers on single page application development
- Led the front end development work for a candidate selection and evaluation application to delivery on time, under extremely tight deadlines.

The Visiting Nurse Service of New York

Applications Programmer B (Web Application Developer)

June 2011 - January 2014

- Maintained an in-house customer service tracking application, end-to-end (*Java, Hibernate, JSP, JavaScript, JQuery*)
- Developed the front end to a clinician profile application using an inhouse Restful web API and ExtJS 3.
- Helped develop a Timebanking application with an Adobe Flex (ActionScript) front end and a Java back end.
- Helped build and eventually assumed responsibility for development of an automated clinician assignment system that matched patient cases across the five boroughs of NYC to clinicians based on factors like clinician caseload, area of operation, and qualifications.

Training

Deque University - Web Accessibility (2018) - Various Courses

Learning Tree - Securing Web Applications, Services, and Servers Training (2013)

Education

Hampshire College

Bachelor of Liberal Arts, Concentration in Music; Computer Science, 2007-2011