

Beth Qiang

Senior Software Engineer

bqiang08@gmail.com

bethqiang.com

github.com/bethqiang

Relevant Experience

Senior Software Engineer & Team Lead // Software Engineer @ Lob

Dec 2021 - Present // Mar 2021 - Dec 2021 // Remote

- Architected back-end solution design for proofing tool, which involved multiple teams, SQS queues, and asynchronous workers
- Led end-to-end development of campaigns product, which brought time to integrate with Lob's system from ~90 days to almost immediately with little technical knowledge
- Spearheaded initiatives:
 - Rewrote legacy AngularJS customer dashboard in Vue 3
 - Significantly increased accessibility of customer dashboard
 - Created company-wide UI component library
 - Implemented E2E Cypress test suite across the codebase
- Contributed extensively to hiring, onboarding, mentoring, and setting culture and processes for my team and the company

Consultant (part-time) // Web Developer @ NextGen America

Jan 2021 - Mar 2021 // Jul 2020 - Dec 2020 // Remote

- Led project management, development, and deployment of sites with millions of users for large-scale days of action
- Maintained and added new features to NextGen's site
- Integrated with external services to register voters and provide voting information

Software Engineer @ InMotion Software

Nov 2017 - Jul 2020 // Austin, TX & Remote

- Built JavaScript-based (React/Node.js) learning management system that integrated with internal and external services
- Led development of features through software lifecycle, including:
 - Search function for 2.5 million entries
 - Peer review and group management systems
 - Batch assignment of thousands of activities at one time
- Decreased loading times by 80% by refactoring large portions of code and implementing memoization and virtualization

Software Engineer @ Keystoke

Mar 2017 - Nov 2017 // Austin, TX

- Refactored significant portions of React Native mobile application to eliminate race conditions and improve performance
- Wrote invoicing and payment system to manage customer billing
- Led rapid end-to-end mobile and web application development

Summary

Full Stack Software Engineer with a front end lean. 6 years of experience in architecting, developing, debugging, and testing web-based and mobile applications. Experienced with cross-team collaboration and mentorship of less experienced engineers in remote environments. Passionate about making tangible impacts and creating a more accessible, inclusive, and equitable world.

Skills

JavaScript (ES6) // Vue // React // CSS/SCSS // HTML // accessibility // Node.js // PostgreSQL // Git // testing

Education

Fullstack Academy

2016 - 2017 // Remote
Coding Bootcamp

Rice University

2011 - 2015 // Houston, TX
B.A. in Psychology
Minor in Biochemistry & Cell Biology

Speaking

Unit Testing Vue Apps: Tips, Tricks, and Best Practices

Jun 2022 // VueConf.US

How a Developer Can Break Your UI Component Library's Accessibility, and What to Do About It

Mar 2022 // axe-con