

CRAIG FREEMAN

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Profile

Experienced front-end engineer providing a seamless bridge between design and the back-end. Experience with architecting and developing large-scale JavaScript applications for enterprise companies. Specialties include JavaScript, microservices, responsive web design, mobile optimization, and scalable, performant CSS.

Education

Rochester Institute of Technology, Rochester NY
Bachelor of Science in Information Technology 2009
Concentrations in Web Development, Graphic Media, and Psychology

Community

- Presented talk on Circuit Breakers to Node+JS Interactive 2018
- Regular speaker at local meetups. Recent topics: Node.js, GraphQL, unit testing
- Former organizer (2013-2019) of the Denver Code Club, a monthly meetup dedicated to providing space for web developers to further their professional education

Technical Skills

Programming Languages: JavaScript/TypeScript, CSS/Sass/cssnext, HTML, GraphQL, Node.js, PHP, MySQL, JSON, XML, bash

Frameworks/Libraries: React.js, Redux, RxJs, Apollo, Cypress, Jest

Software: Figma/Adobe Creative Suite, Terminal, Microsoft Office, Adobe Acrobat, Visual Studio Code

Operating Systems: Linux, Mac OSX and iOS, Microsoft Windows

Other: AWS, Git, Jira/Bitbucket/Confluence Atlassian products, REST/RPC, ASTs, Agile/SAFe workflows, responsive web design, Vite/Webpack

Personal Projects

- Developed a WordPress plugin, Karten, to display geo-tagged Instagram photos on a Google Maps map in page/post content or within a theme, leveraging WordPress best practices, PHP and JavaScript OOP principles, and AJAX.
- Created a pediatric emergency medical reference for paramedics as a mobile web application using PHP, JavaScript, XML, AJAX, CSS3 transforms and animations, HTML5 client-side database, and HTML5 offline detection.

Experience

Twilio, Denver CO

Staff Software Engineer (March 2021 - present)

- Tech Lead for a team of 6 building a cross-product UI library with supporting API services
- Research and plan 3-9 months ahead, participate in product and design discussions, prepare the team for upcoming work, and unblock the team as needed
- Full-stack development in a GraphQL-backed RPC microservices application
- Founder and co-lead of a program-specific UI community to facilitate participation in cross-team alignment on front-end engineering standards, resulting in a refined backlog of work and the funding of a team to update the aging UI application
- Mentor and coach team members via code reviews and training sessions

Senior Software Engineer (June 2019 - March 2021)

- Develop new features for Segment's Personas product. Worked on Twilio Engage pilot feature set, message sending, editor
- Develop new features for SendGrid's Marketing Campaigns product. Worked on the HTML code/design editors, automations, single sends/campaigns, and dynamic templates
- Mentor junior engineers
- Facilitate cross-org discussions to resolve service issues
- Research and development with emerging technologies and frameworks

Aetna, Denver CO

Senior Software Engineer (March 2019 - present)

- Use JavaScript (React.js & Redux), HTML, cssnext, Webpack, and Git to interact with REST APIs to develop new features and bug fixes for a complex, responsive UI application serving ~2 million users
- Audited the UI, resulting in users stories improving user experience, UI performance, documentation, development workflow, code quality, and developer experience
- Facilitate cross-team discussions to resolve service issues
- Plan program increments using SAFe methodology
- Research and development with emerging technologies and frameworks

Kenzan, Denver CO

Front-End Technical Architect (May 2018 - March 2019)

- Audited the UI of a high-profile internal application, resulting in dozens of users stories improving user experience, UI performance, documentation, development workflow, code quality, and developer experience. Provided training and coaching for junior developers through PR reviews and training sessions
- Research and development with emerging technologies and frameworks
- Manager of one direct report
- Create LOE documents for potential new business
- Research, establish, document, and maintain company coding best practices, development organization, and workflow standards
- Interview and review code samples of potential new hires

Senior Front-End Developer (January 2016 - May 2018)

- Participated in a successful digital transformation of a client's product offerings to a microservices environment, which included architecture reviews, JavaScript, React.js, Redux, and Node training, developer coaching, and high-performance team augmentation using Scaled Agile Framework (SAFe)
- Use HTML5, CSS3/Next, JavaScript, Git, Webpack, and REST APIs to develop complex, responsive, large-scale web applications
- Performed PCI audits on front-end pull requests and add bug fixes to features on a large-scale, multi-repository billing interface project using AngularJS, LESS, HTML5, Git, and Gulp/Grunt
- Led a front-end team of five to create new features, make updates to existing features using AngularJS, and consume JSON microservices in an Agile environment. Responsible for the front-end architecture, pull request reviews, post-merge deployments, and releases
- Wrote JavaScript/AngularJS, HTML5, and CSS3/Sass and performed unit testing for new features on a successful streaming video rebranding project

VOLTAGE Advertising + Design, Louisville CO

Senior Web Developer (April 2015 - December 2015)

Crowd Favorite, Denver CO

Developer (December 2012 - March 2015)

Rosemont Media, San Diego CA

Web Developer (October 2010 - November 2012)