

## Objective

Modern day spiderman specializing in programming reusable components with front end technologies. Skilled in visualizing data and integrating APIs with performant code. I enjoy collaborating with other engineers, designers, managers to deliver pixel-perfect code. Experienced building scalable UI/UX for CMS dynamic administrative dashboards, reporting software; sales management tools; travel/e-commerce platforms, client branding, and static landing page development for web and mobile experiences. Specifically interested in development using JavaScript.

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## Skills

JavaScript, CSS, HTML, React, Gatsby, Next, TypeScript, Jenkins, Sass, Contentful, AWS, Git, Node, etc.

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## Education

**University of California, Berkeley** — Sociology — May 2011

Berkeley, CA

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## Experience

### Carta

Jan '21 — present

#### Senior Software Engineer

San Francisco, CA - Remote

- Implemented new instance of carta.com and set up front end architecture using Gatsby, TypeScript, Contentful, ChakraUI; worked with SRE writing lambda function to properly deploy first SPA at Carta on existing Jenkins, AWS S3 Cloudfront, and Terraform pipeline
- Migrated Wordpress site to Contentful using Gatsby and bringing our Performance, Accessibility, Best Practices, SEO to 95+ scores and a 1 second time to interactive and a 2 minute build time
- Wrote node scripts to automate Wordpress to Contentful migration of 1000+ pages and 5000+ assets converting HTML > Markdown/Rich Text and referencing of media assets, iframes, and 3rd party tools
- Integrated 3rd party products like Google Analytics, Amplitude, Looker, Segment, and Marketo to submit forms, track data, and get a better grasp of our customers while standardizing our data

### Twitch

Mar '18 — Jan '21

#### Front End Engineer II < Software Engineer

Irvine, CA - Remote

- Led architecture effort to move .NET/jQuery platform to Go/React while leading redesign and conversion to align with internal design supporting Creator Experience for content creators and account managers
- Integrated YouTube, Twitch, Amazon APIs into usable reports, graphs using SVGs, D3, Highcharts, Sass
- Implemented TypeScript and Jest/Enzyme testing framework into our architecture reducing bugs and regression allowing for continuous integration and rapid deployment and 99.9% upkeep.
- Dedicated Front End Engineer for 5 applications; 4 of which were developed from inception to production and now tasks with building and maintaining front end architecture
- Implemented Apollo Client wrapper to manage state, fetch, mutate queries and JWT auth

### Solver

Jan '17 — Feb '18

#### Developer

Los Angeles, CA

- Upgraded application from Angular 2-beta to Angular 5 through Angular CLI via docs
- Implemented Angular lazy loading feature, AoT compilation, and tree shaking through modular approach, which decreased TTI from 17 sec to 5 sec, and 20MB bundle to 2.5MB
- Architect for front end UI/UX using Angular, TypeScript, Sass, CLI, Webpack to build Data Warehouse
- Added unit and functional testing to our Angular app using Jasmine, Karma, and Protractor
- Added Bootstrap, Angular Universal, Angular Animations, RxJS, encapsulated Sass architecture, and modular component driven architecture for our webapp
- Created responsive table filtering, search, accordion detail component; date time scheduling component; modal error handling component; flipping card component, etc.

### Self-employed

Sep '16 — present

#### Web Development Consultant

Remote

- Bitwarden (Apr '20 — present): Build, develop, maintain Jekyll, Ruby, JavaScript website and deployment lifecycle. Currently working on Contentful migration through Gatsby, Chakra UI deployed via Netlify
  - Ministry Platform | Think Ministry (Jul '19 — May '20): Led front end architecture redesign building design system and creating web components to build scalable widgets
  - Bridge Financial Technology (Apr '19 — Jun '19): Migrated monolith to microservices Angular architecture
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	<ul style="list-style-type: none"> <li>▪ Thinkful (Oct '16 — Sep '19): Mentored students in the fundamentals of modern web development in HTML, CSS, and JavaScript; provided code reviews, QA, pair programming, general support and career guidance for students leading web development careers leading to 16 engineering offers.</li> <li>▪ CPQ Solutions (Sep '16 — Apr '17): Built boilerplate front end to optimize the UI/UX customer experience of our base CPQ platform, which converted into quicker deployment and development, shorter training for clients/developers; configure and script CPQ Cloud application based on client design, optimized the front end code to be more syntactical, efficient, and responsive</li> </ul>
<b>Switchfly</b> Oct '12 — Aug '16	<b>Web Developer</b> <span style="float: right;"><i>San Francisco, CA - Remote</i></span> <ul style="list-style-type: none"> <li>▪ Defined modular components for desktop and mobile through responsive design and common UI patterns for simple integration in our checkout pages using Sass, Bootstrap, Handlebars, Ember frameworks and Gulp tasks with modular components for our travel loyalty ancillary product demo</li> <li>▪ Automated over 200 test cases using Fluent interface to reduce 60+ hours of QA manual regression testing to ~30 minutes run time on Jenkins; executing multi-threaded environment; snapshots to debug and fix tests more easily; pg-proxy to start database transactions for individual tests while maintaining sequentially running tests through Selenium framework</li> <li>▪ Created reusable component architecture to reduce branding from 80 hours to 2 hour implementation allowing for easy sales demos for prospective clients and groundwork for initial SaaS integration</li> <li>▪ Responsible for managing branding integration of private label clients including: JetBlue, Southwest, United, American Express, MasterCard, Thai Airways, British Airways, American Airlines, etc.</li> </ul>
<b>Sungevity</b> Jul '11 — Sep '12	<b>Senior Technical Associate &lt; Sales Associate</b> <span style="float: right;"><i>Oakland, CA</i></span> <ul style="list-style-type: none"> <li>▪ Built the blueprint for Salesforce customer management system, automated email and voicemail tasks and build the guideline for best practices</li> <li>▪ Created the training manual for solution selling through documentation, leading team training sessions and providing 1-on-1 shadowing</li> <li>▪ Consistently exceeded quota and led team in sales for 11 of 13 months</li> <li>▪ Contributed to 203 solar systems sold or 1.2 mega watts which generated over \$5M in revenue</li> </ul>
<b>Interests</b>	Basketball, Senor Sisig California Spicy Pork Burrito with Egg, puzzles, and all things Los Angeles Lakers