



# SEAN MCQUAY

## SOFTWARE ENGINEER



Chicago, IL



[www.seanmcquay.com](http://www.seanmcquay.com)

### PROFILE

I am passionate about helping teams and organizations develop, sustain, and grow enterprise-level solutions! I bring nearly a decade of experience from mentorship to application architecture. I've led projects and contributed hands-on across the entire SDLC. As a consultant, I was constantly exploring new technologies and learning exactly what works and what doesn't across a wide range of technical stacks, industries, and client maturity levels.

### PROFESSIONAL SKILLS

Axure | CodePen | Illustrator | InVision | Photoshop | Sketch | Storybook | Styleguidist | Angular | Apollo | Azure DevOps | Babel | BitBucket | CSS | ESLint | ExpressJS | Gatsby | Gigya | Git | GitHub | GitLab | GraphQL | Heroku | HTML | Ionic | JavaScript | jQuery | NodeJS | React | Redux | RESTful | SCSS | stylelint | SVN | TypeScript | Diredflow | Cordova | AEM | Liferay | NetlifyCMS | Sitefinity | MySQL | PostgreSQL | Grunt | Gulp | npm | webpack | BrowserStack | Browsersync | Jasmine | Jest | Postman | Sauce Labs

### ACCOMPLISHMENTS

Professional Scrum Master – Level I  
Beta Sigma Psi - Lutheran Fraternity  
FIRST Robotics – Team Mentor

### EDUCATION

Missouri University of Science and Technology: 2008 – 2014

Electrical Engineering, B.S.

Spanish Language, Minor

Universidad Politécnica de Madrid: 2011 – 2012

Electrical Engineering, ERASMUS

### OPEN SOURCE

**Axure Redline Tool**

[www.axureredlinetool.com](http://www.axureredlinetool.com)

Created and maintain a tool which allows developers to inspect designs, inspired by Sketch Measure and InVision inspect. Current userbase is +4000/month with numerous weekly clones and forks.

**Multilingual Onscreen Keyboard**

[www.mokproject.com](http://www.mokproject.com)

Created and maintain a plugin providing 99 keyboard layouts for touchscreen devices such as kiosks. This plugin language support has surpassed any others of its type; and has allowed me the unique opportunity to speak with developers all around the world. Current downloads: +120,000/month.

### EXPERIENCE

**Traveling: July 2022 – Present**

[Traveling full time](#)

Took some personal time to step back and reflect on my career while traveling full-time out of my van. Traveled across North America visiting iconic rock climbing destinations.

**Saggezza: July 2020 – May 2022**

[UI Development Practice Lead](#)

Personally-responsible for standing up and building out UI Development Practice. Led all US-based UI teams and initiatives. Led and managed multiple projects in web, mobile, and embedded devices throughout entire SDLC including staffing, budgeting, architecture, and execution. Collaborated with, and leveraged Saggezza's cross-geo teams to deliver cost-appropriate projects. Managed \$2M portfolio of ongoing clients. Engaged and signed new clients to the practice area. Consistently delivered high-quality client projects on time, while maintaining strong margins. Published monthly thought leadership articles. Translated and paired C-suite initiatives with practice goals to ensure success of clients and teams. Provided hands-on project management and architectural guidance, when required. Maintained open-door policy even through remote working with virtual office hours. Active member of Saggezza Innovation Lab.

**Saggezza: October 2019 – July 2020**

[Senior Software Development Manager](#)

Managed teams and objectives across clients. Communicated directly with MDs, CTOs, and CEOs to capture and translate business requirements. Owned development of large features, some in excess of \$100M. Mentored, established goals, conducted performance reviews, and set recurring meetings to help keep resources engaged with firm. Provided architectural guidance across full stack. Communicated across stakeholders, UX, and users to facilitate progress. Advocated for and implemented SDLC best practices. Refined and led hiring process to build out client teams and align resources to business opportunities. Defined and guided feature/product roadmaps. Refined and led new client proposal/SOW process. Contributed hands-on coding in team lead capacity.

**Saggezza: July 2018 – October 2019**

[Software Development Manager](#)

Managed teams and objectives at client. Communicated across stakeholders, UX, and users to facilitate progress. Owned development of large features. Mentored, established goals, conducted performance reviews, and set recurring meetings to help keep resources engaged with firm. Provided architectural guidance across full stack. Advocated for and implemented SDLC best practices. Refined and led technical screening and coding challenges hiring process. Defined and guided feature/product roadmap. Contributed architectural and technical guidance to new client

## LANGUAGES

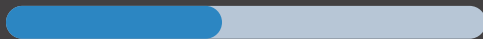
English



Spanish / Español



Finnish / Suomi



Russian / Русский



proposal/SOW process. Contributed hands-on coding in team lead capacity. Identified and engaged new opportunities at client.

### **Sagezza: October 2017 – July 2018**

#### **Senior Front-End Developer**

Clients in eCommerce, restaurant, BFSI, and retail. Delivered mobile, web, and embedded solutions with emphasis on cross-browser, cross-device support. Worked as team lead and collaboratively with developers around the world. Owned feature development deliverables. Defined and implemented coding best practices such as linting, testing, and application architecture to minimize technical debt and facilitate code reviews. Worked across legacy and cutting-edge code bases. Contributed across technical stack when needed. Collaborated directly with key stakeholders.

**Goldman Sachs (CIMD):** Worked as a team lead on new and legacy applications in digital banking. Practiced scrum methodology. Received specifications in Figma and InVision. Owned development for new features bringing in over \$120M in new deposits. Built features and components with React. Managed global state with Redux. RESTful calls. Performed and maintained testing with Jest and Enzyme. Supported latest CSS and ECMAScript features through tools like SCSS, Babel, and custom webpack configurations. Wrote BEM-notation CSS. Helped write new version of application with Apollo for global state management and GraphQL calls. Created new templates and served content from AEM. Maintained and augmented custom component library structured with Styleguidist. Helped establish and document best practices. Wrote custom ESLint rules to minimize technical debt and facilitate code reviews. Optimized application and API calls to improve first meaningful paint time. Analyzed and resolved ADA compliance excursions.

**Goldman Sachs (Internal):** Collaborated with hackathon winners to deliver POC of internal tool. Built React components and managed global state with Redux. Leveraged Framework7 component library to provide cross-device support. Supported latest CSS and ECMAScript features through tools like SCSS, Babel, and custom webpack configurations. Implemented TypeScript. RESTful calls to back-end services. Compiled to WebView application with proprietary tool similar to Cordova. Worked directly with managing director. Faced tight timeline and vague requirements to successfully deliver POC.

**ArtVan:** Led design and development of mobile POS application. Leveraged Ionic V3 to deliver cross-device WebView application. RESTful calls to PHP middleware and AS/400 back end. Supported latest CSS and ECMAScript features through tools like SCSS, Babel, and custom webpack configurations. Testing handled through Jasmine. Worked directly with CTO. Presented solution to existing and incoming CEOs. Designed and led rollout of in-store pilot. Coded PHP application dashboard and deployed as on-premise solution for reporting to senior leadership.

**P.F. Changs:** Owned social login and signup development. Created a custom instance of Gigya, with extended styling and functionality. Coordinated and led efforts with large group of offshore developers.

### **Securus Technologies: December 2016 – September 2017**

#### **UX Developer II**

Drove features from conception to production through UX research, design, and development. Worked with key stakeholders to translate BRDs into user stories. Delivered wireframes and mockups with Axure. Coded templates in Liferay CMS. Delivered Angular 1.5 and Spring solutions. Worked with jQuery for DOM manipulation in Spring solution. Leveraged semantic HTML5 to optimize for SEO and ADA compliance. Quantified efforts through Google Analytics implementation. Supported latest CSS and ECMAScript features through tools like SCSS, Babel, and custom webpack configurations. Automated development, build, and deployment tasks with Grunt and Gulp. Provided styling and structure with Bootstrap V3. Maintained version control with Git and SVN.

### **Luminant: June 2014 – October 2016**

#### **Front-End Developer / Analyst**

Led research, design, development, and delivery of marketing website. Built static site with vanilla JavaScript and jQuery. Leveraged semantic HTML5 to optimize for SEO and ADA compliance. Quantified efforts through Google Analytics implementation. Supported latest CSS and ECMAScript features through tools like SCSS and Babel. Provided styling and structure with Bootstrap V3. Maintained version control with Git. Automated development, build, and deployment tasks with Grunt. Maintained legacy WordPress site during build.

Prior to this role, focused on leveraging statistical modeling and machine learning to generate predictive analytics targeted at power generation equipment within Luminant's fleet. Worked with ultra-concurrent data capture of metrics through OSIsoft PI database. Leveraged Ruby, VBA, and R for data cleansing and model building.