

BRYAN MCKERNON

FRONTEND ENGINEER

CONTACT



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SKILLS

- REACT
- JAVASCRIPT
- MATERIAL UI
- VS CODE
- UNIT TESTS
- SCSS
- GIT
- LINUX
- AMAZON WEB SERVICES
- DOCKER
- NODE.JS
- POSTGRES / MYSQL
- RDBMS

EDUCATION

B.S. Information Systems

San José State University

2014-2018

Udemy Online Coursework

2019-2021

PROFILE

Currently a React enthusiast with a passion for frontend development I value reusable, efficient, and easily manageable web applications and libraries. I believe empathy, curiosity, and pragmatism are the pillars of frontend development. Persistent, patient, and motivated I work well on a team and enjoy collaborating with others to build sophisticated web applications that drive business and create opportunities for end users.

EXPERIENCE

Frontend Software Engineer, Mantra Bio

2021 – Current

- Currently developing the Mantra App, an internal tool used companywide, as well as the Mantra Library, a collection of reusable components used to standardize and accelerate Mantra App development
- Developed interactive 96 well microplate with multi well select which allows scientists to bulk edit wells before exporting for flow cytometry (module one)
- Developed interactive dynamic form for creating and editing companywide studies (module two)
- Mantra App which includes module one and module two uses React, Material UI, and SCSS
- Kubernetes, CircleCI, VS Code, and Bitbucket are used for development

Frontend Software Engineer, Independent Contractor

2018 – 2021

- Developed several web applications and mobile applications including evictionresouce.com, registeredprocessserver.com, and bayarealawyers.com
- Technologies from jQuery to React, CSS to SCSS, MySQL to MongoDB, Apache Web Server to Node.JS and Express.JS were used throughout these projects
- Android Studio with Java was used for mobile application development, though my preference today would be to use React Native
- All web applications were deployed to Amazon Web Services such as EC2, Route 53, RDS, S3, and Elastic Beanstalk

Business Analyst Intern, Santa Clara County

2017 – 2018

- Developed a data glossary for Santa Clara County's Criminal Justice Information System
- Facilitated meetings and interviewed analysts and architects for insight on information system
- Acting project manager responsible for prognosticating tasks, timelines, and deadlines