JAMES **BERKE**

San Francisco, CA   james.berke@gmail.com   (510) 912-0845   PORTFOLIO   GITHUB   LINKEDIN

SKILLS

{proficient}: **Javascript, React.js, Redux, Ruby on Rails, PostgreSQL, HTML/CSS, Git** {familiar}: **Node.js, AJAX, SQL, MongoDB**

PROJECTS

STACK (*Ruby on Rails, Javascript, React.js, Redux, PostgreSQL, Action Cable*)   live | github

Sole developer live chat web application modeled after the popular app Slack.

- Harnessed Redux single-state management to streamline communication between backend and frontend architecture and implement well-rounded CRUD functionality, letting users update their properties and comments seamlessly
- Designed a RESTful web API that separates the concerns of client-side and server-side concerns allowing me to improve scalability with simple server components and portability across multiple UI platforms.
- Optimized backend routes and shape of front-end state to minimize load-time for process-heavy user experience, especially in user login-in, which relies heavily on conversations had by a user in previous sessions.
- Implemented object oriented programming to build out React components with clearly defined separation of concerns. This allows for more readable and refactorable code down the line.

FOOD HARMONY   (*Javascript, React.js, MongoDB, Express.js, Node.js*)   live | github

Food Harmony is a curated scrolling menu compiled from meals served at restaurants in your area.

- Implemented User Auth by encrypting user details via the JSON Webtoken library to be sent over HTTP using Axios to be decrypted via the JWT-Decode library on the frontend
- Wrote model level validations to check for inclusion of password/email upon login
- Utilized Mongoose ORM to map results of database queries onto JavaScript objects to be manipulated and returned to the frontend, separating concerns and following MVC best practices.

GRAFFITISYM (*Javascript, HTML 5, Canvas, CSS*)   live | github

GraffitiSym is an immersive drawing pad with colorful spray patterns and graffiti backgrounds.

- Designed a spray algorithm that places dots randomly within a specified radius, giving the strokes the appearance of spray paint.
- Layered multiple canvas elements on top of eachother to allow the user to draw over background pictures

EDUCATION

Software Engineering - *App Academy | Spring 2020*

- Rigorous 1000 hour full-time software development course, 3% acceptance rate.
- Focussed on building problem solving skills, collaborative learning, and effective communication in a professional software environment

EXPERIENCE

Event Operations Manager

Peninsula Parking   Feb 2016 - Dec 2019

- Oversaw management of ~75 valets, drafted event contracts for customers, created event plans (i.e. coordinating parking and submitting permits) and effectively managed staffing of events despite limited staff availability leading to the company's most profitable year of events
- Advanced policy for choosing events based off of minimum profit which resulted in a lower number of much higher scale events contributing to an increase in worker satisfaction, reduced accidents, and overall profit
- Articulated specific workflow and processes to an automation consulting company to streamline dataflow and payment processes.

Warehouse Associate

Stitchfix   Aug 2014 - Oct 2016

- Managed shipment of 4000+ units per day with a team of 4 that continuously outperformed expectations, including coordinating outbound pickups with multiple shipment companies as they brought in our inbound return shipments to cut down on the time and amount of trucks it took to meet our shipping needs
- Integrated reliable workflow process for outbound taping & shipment team to compensate for 50% increase in demand with static team size