

Sameeh Khan

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SKILLS

Frontend: JavaScript, React.js, Redux, D3.js, CSS3, JQuery, HTML5, Axios

Backend: Ruby, Ruby on Rails, Node.js, AJAX, PostgreSQL, SQL, Express, MongoDB, JBuilder

Knowledge: REST APIs, Single-Page Applications, RSpec, Git, TDD, Heroku, Webpack, OOP, Amazon Web Services, NPM

EDUCATION

California State University, Sacramento - *BS - Computer Science* (May 2018)

App Academy - Immersive software development course with < 3% acceptance rate (Winter 2018-19)

PROJECTS

Instapix | (React, Redux, Javascript, Ruby on Rails, Postgresql, AWS)

[Live Site](#) | [Github](#)

Full stack web application inspired by Instagram

- Incorporated BCrypt hashing algorithm to safely store user passwords and authenticate users upon login to help overcome security vulnerabilities that would have arisen from storing unsalted passwords
- Optimized performance by using lifecycle methods to implement React components and render user uploads onto feed asynchronously
- Leveraged React Router DOM library to create protected routes ensuring personal user data and profile could not be breached
- Utilized AWS S3 to implement image uploads reducing server load and allowing for scalability of image services

Rise | (MongoDB, Express.js, React, Node.js, Git)

[Live Site](#) | [Github](#)

MERN Application to track employee achievements and goals

- Alongside a team of 4 other developers built the backend using REST principles for application CRUD features
- Designed application's user authentication system, which utilized the JSON Web Token strategy with Passport.js to communicate with Mongo database
- Leveraged the Material UI API to create reusable React forms decreasing boilerplate code by 30% and allowing for faster load times
- Designed main entries form through modular React components using the Redux cycle, resulting in an intuitive user interface
- Collaborated to devise a Git workflow and branch reviewing process that successfully avoided any merge conflicts

Boards | (Javascript, D3.js, Webpack, Node.js)

[Live Site](#) | [Github](#)

Front end application rendering data visualizations of NBA metrics

- Parsed over millions of data endpoints by integrating NBA Stats API to create a real-time dynamic visualization
- Integrated advanced metrics algorithm modeled after ESPN's Hollinger statistics to display player scoring efficiency
- Employed webpack bundler to generate file tree dependencies and allow for performant development and end-user loading of application (< 5 seconds load time on low-latency network connection)

EXPERIENCE

Restaurant Manager, Server

Marie Callendar's, Oct 2014 - May 2018

- Managed a team of 35 employees for restaurant grossing over 1,000,000 annually
- Screened and targeted future employees by handling employee onboarding and interview process
- Configured POS system's logic and functionality while regularly performing maintenance updates to menu items
- Improved business cost-efficiency by instituting an excel employee log resulting in a 60% decline in payroll overtime

