

Patrick Brown Jr.

Software Engineer

New Orleans, LA

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Technical Skills

Front End | JavaScript, React, Redux, React Native, AngularJS, Vue.js, jQuery, CSS, SCSS, HTML, Bootstrap

Back End | Node.js, Express.js, MongoDB, Mongoose, MySQL, SQLite, PostgreSQL, Sequelize, Knex

Deploy/Build | AWS, Docker, Digital Ocean, Google App Engine, Expo, Webpack, Grunt

Education

Hack Reactor | 2017 - 2018
Advanced Software Engineering Immersive Program

Operation Spark | 2017
Software Engineering Bootcamp

LSU | 2009 - 2012
Computer Science Major
LSU National Honors Scholarship
LA STEM Scholarship

Software engineer with a strong specialization in JavaScript. I love working in fast paced environments and collaborating with great people to build innovative products. Outside of developing, I am a big sports fan and enjoy viewing and playing an array of athletics. I also enjoy working on computer hardware, studying human psychology, and conversing with diverse groups of people about an endless variety of topics.

Work Experience

Lucid | Software Engineer
SEPTEMBER 2018 - CURRENT NEW ORLEANS, LA

- Developing custom UI in vanilla javascript to integrate with core platform while increasing efficiency and reducing client number of clicks
- Planning refactor of legacy app to use React and Redux with client side rendering to give client better user experience and provide application better structure
- Streamlining project management processes for better task delegation
- Using AWS Lambdas to integrate client CRM with core platform. Integration will save time due to automation and allow client to remain in familiar CRM UI.
- Interviewing new devs for the team and determining best way to continue to scale while also remaining organized and minimizing red tape.

GE Digital | Software Engineer
JANUARY 2018 - SEPTEMBER 2019 NEW ORLEANS, LA

- Built robust multi-user application for GE Power with React, Redux, and Java
 - Collaborated with teams in India to streamline turbine sales/maintenance processes
 - Worked closely with product customers during demos for UAT in sprint
 - Communicated daily with product customers and managers to set product expectations while balancing customer satisfaction with ease of development
 - Refactored front-end architecture for better state management, testing, and performance while mentoring teams in India to adopt new best practices
 - Participated in week long Agile training to establish continuity across pods
 - Helped to secure over \$3 million in additional funding through 2019
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Projects

Bike Map

Share custom bike routes while enjoying fitness, leisure, and commuting routes from your community

- Constructed intuitive and modular app with stimulating UI using React Native
- Created Redux Sagas to make bike routes with Google API and store route stats
- Built Docker containers for rapid deployment and cross platform compatibility
- Utilized Expo API to access many native components including device location
- PostgreSQL design provided organization for complex multi-table relationships
- Designed Service Oriented Architecture for easier testing and maximum flexibility