

Ryan P Suresh

Software Engineer | New York, NY



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EDUCATION

Hack Reactor

Advanced Software Engineering
Immersive Program
2016

Brown University

BS // Applied
Mathematics/Economics
GPA: 3.7/4.0
2011 - 2015

TECHNICAL SKILLS

Javascript (ES5/ES6)
React.js
React-Redux
AngularJS
Node.js/ Express
Socket.io
Passport.js
D3.js
Webpack
SQL/ MySQL/Sequelize
MongoDB/ Mongoose
HTML5/ CSS
Bootstrap
Heroku deployment
Digital Ocean deployment
Git workflow

ADDITIONAL

Scrum methodology
Trello/Asana
Sketch wireframing
Adobe Photoshop
Visual Studio

PROJECTS

TRAVEL APP // 2017

<https://travelapp.herokuapp.com>

Software Engineer

Park recommendation web application for planning trips

- Utilized React and Redux to design and develop a user options page allowing users to easily alter their search preferences
- Designed responsive web pages using HTML5, CSS, and Twitter Bootstrap allowing application to be mobile-friendly
- Optimized SQL database queries in order to speed up results page and enhance user experience
- Developed park search queries incorporating user submitted interests in order to display customized search results
- Generated database schema and relationship logic using SQL ORM Sequelize; logic was used extensively for database queries

REHJEKS // 2016

<https://rehjeks.herokuapp.com>

Software Engineer

Learning based platform to enhance Regular Expressions knowledge

- Employed AngularJS framework techniques to architect login/signup and user profile views
- Implemented secure authentication utilizing Passport.js and Express through a NodeJS server
- Developed back-end queries utilizing MongooseJS and MongoDB and defined an API connecting the back-end to the front-end; queries were used in order to display user info and user submitted solutions

WEATHERLY // 2016

Software Engineer

Real-time location-based weather home page application

- Utilized jQuery in order to develop application logic and build a responsive user interface
- Integrated Yahoo weather API for real-time weather updates and dynamically rendered homepage based off results
- Developed an algorithm generating random inspirational quotes that were displayed on application homepage

PROFESSIONAL EXPERIENCE

JETBLUE AIRWAYS CORPORATION // 2015 - 2016

Revenue Management Analyst

- Developed revenue-optimizing strategies for over 30 different routes
- Collaborated with pricing analysts to develop market-specific revenue-enhancing strategies