Ryan P Suresh

Software Engineer | New York, NY

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EDUCATION

Hack Reactor
Advanced Software Engineering Immersive Program
2016

Brown University
B.Sc 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://www.travelappspace.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 Sequellize; logic was used extensively for database queries

REHJEKS // 2016   https://www.regexcess.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 front-end to the back-end; queries were used in order to display user info and user submitted solutions

ALECK // 2016   https://www.smartaleckpro.com
Software Engineer
Voice-controlled search application to quickly browse the web
- Integrated HTML5 Speech Recognition API to access browser's audio stream and convert it to text; results were used as inputs for search query
- Developed a parsing algorithm to filter out superfluous words and display various content from Google, YouTube, or Reddit based on search
- Utilized jQuery in order to develop application logic and build a responsive user interface

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