

Ryan P Suresh

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EDUCATION

Hack Reactor

Advanced Computer Science
Software Engineering
Immersive Program
2016

Brown University

B.Sc Applied
Mathematics/Economics
GPA: 3.7/4.0
2011 - 2015

TECHNICAL SKILLS

Javascript (ES5/ES6)
ReactJS
Redux
AngularJS
NodeJS / Express
React-Native
PassportJS
D3.js
Webpack
SQL / MySQL / Sequelize
MongoDB / Mongoose
HTML / CSS
Bootstrap
Heroku deployment
Git workflow
REST services

ADDITIONAL

Scrum methodology
Trello / Asana
Sketch wireframing
Adobe Photoshop
Visual Studio

PROJECTS

TRAVEL APP // 2017

<https://www.travelappspace.com>

Javascript Developer

Park recommendation web application for planning trips

- Utilized React and Redux coding principles 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 resulting in a 40% speed increase in results page loading time, enhancing 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://www.regexcess.com>

Javascript Developer

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>

Javascript Developer

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 and increased revenue by 20% in key markets
- Collaborated with pricing analysts to discuss market-specific strategies