

Roumesh Persand

SOFTWARE ENGINEER | rpersand25@gmail.com | (347)-469-5535 | New York, NY
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SKILLS

Proficient: JavaScript, Node.js, Express.js, React.js, Redux.js, Sequelize.js, Backbone.js, Git/Github, HTML, CSS

Knowledgeable: PostgreSQL, Heroku, OAuth, Passport.js

Familiar: Travis CI, Web-pack, Unity, C#

Tools: Git, GitHub, Travis CI, Test-Driven Development (Mocha, Chai, Jasmine), Visual Studio Code, Slack

EXPERIENCE

Software Engineer, *Myers-Holum Inc.*

January 2020 - Present

- Utilize Backbone.js, JavaScript, and NetSuite cloud computing to implement scalable e-commerce applications for multiple clients
- Led development of two full-scale e-commerce applications and pushed one to production within a month with a closely coordinated deployment with the client
- Generated over \$140,000 additional revenue for MHI in just over 8 months based on commission for 10 clients
- Developed automation scripts for efficiency, one of which integrated with Google Maps Geocoder API to reverse geocode coordinates and return the address of the user's current location
- Identify application bottlenecks and refactor existing code to optimize time and space efficiency and enhance readability
- Collaborate with fellow engineers to ensure that the design of all e-commerce applications are sustainable and effective to ensure a positive client-side experience

Software Engineering Teaching Fellow, *Fullstack Academy of Code (University of North Florida)*

November 2019

- Assisted with teaching students JavaScript fundamentals and principles in a Fullstack Academy introductory course
- Guided students in workshop exercises and helped build their familiarity with integrated development environments
- Mentored over 25 students with group learning sessions

Software Engineering Teaching Fellow, *Fullstack Academy of Code (NYC Campus)*

June 2019 - November 2019

- Led workshops introducing common algorithm patterns and time/space complexity analysis
- Individually mentored 5 students, conducted extensive code reviews and held private tutoring sessions
- Interviewed prospective students and assessed their understanding of coding fundamentals
- Acted as AGILE project manager and code reviewer for full stack projects for a cohort of over 40 students

PROJECTS

DiveBook, *Fullstack Web Application*

- A virtual logbook for SCUBA divers and dive shops where divers can enter logs of their dives and view analytical data on graphs and an interactive map for each of their dives
- Focuses on data visualizations using D3, React BriteCharts, and React - MapGL, a QR code scanner implementation for verifying logs, and a Postgis spatial database for storing latitude and longitude points
- **Technologies:** Javascript, React.js, Redux.js, Express.js, Sequelize.js, SQL, Postgres with Postgis extension, D3, React BriteCharts, QR Scanning, Node.js, Material UI
- Github: <https://github.com/red-november/dive-book>

Grace Shredder, *Fullstack Web Application*

- A full stack, JavaScript e-commerce site for acoustic and electric guitars and accessories
- Handles both logged in and guest users and manages their respective carts
- **Technologies:** Javascript, Node.js, Express.js, React.js, Redux.js, Sequelize.js, HTML, CSS, Bootstrap, PostgreSQL, OAuth, Passport, Stripe
- Github: <https://github.com/copperfinch-gsh/grace-shopper>

EDUCATION

Fullstack Academy, *Software Engineering Immersive*
Baruch College, *Bachelor of Business Administrations in Finance*

- Minor in Psychology

May 2019
May 2017