

Roumesh Persand

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SKILLS

Proficient: JavaScript, Node.js, Express.js, React.js, Redux.js, Sequelize.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

PROJECTS

DiveBook, Fullstack Web Application

May 2019

- 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. Dive shops can verify that recreational divers have completed the dives entered in their logbooks. The app 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>

Stack Attack, Web Gaming Application

April 2019

- An educational video game focusing on the Fullstack Academy curriculum where each level represents a particular week of the program and the enemies represent what students had to learn during that particular week in order to successfully move on to the next week.
- **Technologies:** Unity, C#
- Github: https://github.com/rpersand/Stack_Attack

Grace Shredder, Fullstack Web Application

April 2019

- A full stack, JavaScript e-commerce site for musical instruments that can handle both logged in and guest users, manage their carts, and allow them to check out using the Stripe API and receive email confirmation of the order. It also keeps records of users, products, and past orders using a Postgres database.
- **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>

EXPERIENCE

Software Engineering Teaching Fellow, Fullstack Academy of Code

June 2019 - Present

- Lead workshops introducing common algorithm patterns and time/space complexity analysis
- Served as a mentor for 5 students conducting code reviews and tutoring sessions
- Worked as a teaching assistant for cohort of over 45 students
- Served as a product lead for student projects

Staff Accountant, Financial Comfort Inc.

November 2017 - February 2019

- Reconciled credit card and checking accounts, analyzed detailed financial profit and loss, balance sheet and accounts receivable reports, and prepared forecasted quarterly budgets for eight clients, four of whom possessed large monetary capital of \$10,000,000+
- Prepared and processed payroll for clients containing 50+ employees using Paychex payroll services and created payroll journal entries using QuickBooks Online and QuickBooks Desktop software to ensure client target budget remained consistent and accurate
- Collaborated directly with accountant to complete year-end audits, gather tax information, and resolve monetary discrepancies

EDUCATION

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

May 2019
May 2017

- Minor in Psychology