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
- Website: https://thedivebook.herokuapp.com

Stack Attack, *Web Gaming Application*   April 2019
- An educational video game focusing on the Fullstack Academy educational curriculum.
- Levels are based on each week of the curriculum and enemies represent concepts covered during that particular 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 accoustic and electric guitars and accessories.
- Functions for both logged in and guest users as well as manages shopping carts for both.
- Keeps records of users, products, and past orders using a Postgres database.
- Utilizes the Stripe API for payment and the Nodemailer module for email confirmations.
- **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
- Serve as a mentor for 5 students conducting code reviews and individually held tutoring sessions
- Conduct technical interviews to assess prospective students' programming and problem-solving skills
- Act as agile project manager and code reviewer for full stack projects for a cohort of over 45 students

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*   May 2019
Baruch College, *Bachelor of Business Administrations in Finance*   May 2017
- Minor in Psychology