

Tony Perletti

Full Stack Software Engineer

Vancouver, WA | 907-723-5426 | anthonyperletti432@gmail.com | [linkedin.com/in/tony-perletti](https://www.linkedin.com/in/tony-perletti) | github.com/tonyperletti

TECHNICAL SKILLS

Front End: JavaScript (ES5 | ES6), HTML5, CSS3, React, React Hooks, Redux, Styled Components

Back End: NodeJS, Express, MySQL/Sequelize, MongoDB/Mongoose, PostgreSQL

TDD: Jest, Enzyme, Mocha, Chai

Deployment: Heroku, AWS, EC2

Other: Sketch, New Relic, Git, Npm, Webpack, Babel, Jmeter, Loader.io, Nodemon, Morgan, Postman

SOFTWARE ENGINEERING APPLICATIONS

Honolulia Front End Capstone Project - Full Stack: React, Express, MongoDB, AWS/S3/EC2

A real estate website based out of Honolulu, Hawaii.

- Built a photo carousel module and implemented the server with a RESTful API.
- Designed a seeding file that uses random number generators for house data.
- Constructed a proxy server with 3 modules based on service oriented architecture.

MVP - Full Stack: React, Express, MongoDB,

A memory card game app.

- Developed a visually pleasing full stack memory card game that stores the users' names, picture, and fastest completion times as persistent data with MongoDB.
- Incorporated Redux and React Hooks into my client code for improved management of state.
- Implemented full CRUD functionality with my RESTful API when handling user data.

System Design Capstone Project - Full Stack: React, Express, PostgreSQL, AWS/Ec2

A music instrument retail website.

- Deployed my service, a proxy, and a PostgreSQL database on separate AWS/EC2 instances.
- Tested performance scaling up to 1000 RPS using Loader.io and New Relic.
- Reengineered the back end of a RESTful API to use PostgreSQL and added full CRUD functionality. This allowed for faster database querying.
- Developed a data generation script that creates a CSV file holding 10 million primary records. Using this file to seed my database allowed for more accurate stress testing.
- Utilized indexing to improve query execution time from 40098 ms to 0.283 ms.

PROFESSIONAL EXPERIENCE

Thorsvik Industries - 3309 S St. Vancouver, WA 98663 (503) 442-5678 **October 2020 - current**

- Developing a prototype User Interface in PHP to display real time data of temperatures and battery life of Thorsvik cooling systems.

EDUCATION

- **Hack Reactor** - Remote Software Engineering Immersive **2020**
- **Washington State University** - Bachelor of Science in Psychology **2011**

CERTIFICATIONS AND VOLUNTEER SERVICE

- Volunteer English Teacher at **casa-guatemala.org** (Rio Dulce, Guatemala) **2017**
- TEFL English teaching certification from **i-to-i.com** **2016**