

Squall Leonhart

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TECHNICAL SKILL

JavaScript • React • HTML/CSS • jQuery • Node.js • Express.js • PostgreSQL • MySQL
MongoDB • Axios • Artillery • Postman • Mocha/Chai • AWS EC2 • Heroku

SOFTWARE ENGINEERING PROJECTS

Project “Catwalk” | Product page for high-end retail (fashion) website

[Github Repo](#)

Node.js | Express.js | React | CSS | Axios | Webpack/Babel | FontAwesome

- Deployed an **Express.js** server to act as an intermediary for API requests, in order to protect sensitive configuration data from the client facing application.
- Incorporated a project-wide **CSS** template using common root variables, to homogenize **UI design**.
- Utilized custom **React** data types for “option” **HTML** tags to eliminate need for additional stateful components.

“Bandayd” | Proof of concept for a music centered social media webpage

[Github Repo](#)

React -router -modal -styled-components | MariaDB | Axios | Express.js | Webpack/Babel

- Used a **React** router package in tandem with a wildcard route in the **Express.js** server to maintain page continuity between application refreshes.
- Managed all database creation methods for **MariaDB** in **sequelize** migrations, for automatic deployment.

Quest Log | Gamified digital personal organizer

Original: [live](#), [repo](#) | Redesign: [live](#), [repo](#)

Node.js | Express.js | React | Webpack/Babel | FontAwesome | uuidv4

- Fully rewriting of an original concept in React, to incorporate data trees, in a prototypal instantiation pattern.
- Wrapped several functions and state variables in a Context provider, in addition to mixing in React Hooks.
- Both projects are currently hosted on Heroku for presentation. The redesigned app will ultimately be deployed to AWS, using a Mongo database. Currently, using localStorage, while in early development.

PROFESSIONAL EXPERIENCE

Coding Instructor (afterschool program) | Pixel Academy– Brooklyn, NY

1 year

- Taught children (groups of 10, ages 7-14) basic coding concepts through game development, using: visual block coding, Java, and C#.
- Wrote new curriculum for summer programming in which all age groups designed a Unity space shooter. and engendered enormous creativity in the kids.

Technical Support (tier 2) | Vonage, Support.com– New Jersey

2 years

- Networking support specialist for VoIP and internet services providers; helping customers to troubleshoot connection issues and render solutions.
- Treated my job as if I was highest tier tech support, taking advantage of prior CCNA training and experience to maintain an exemplary 4% callback rating.

EDUCATION

Hack Reactor | *Advanced Software Engineering Immersive – Remote*

2021

Independent Study | *w3schools, freecodecamp, edx, YouTube*

2010 - present

Relevant coursework: Computer Science, HTML, CSS, JavaScript, Unity