

HUY TRAN

Software Engineer

(408) 480-9223

Hdt.cn106@gmail.com

[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

JavaScript, Python, Ruby, React, Redux, Express.JS, Sequelize, HTML, CSS, Flask, SQLAlchemy, Jinja, PIP, Node.js, Docker, PostgreSQL, AWS, Github

PROJECTS

LUXE-EVENTS (JavaScript, ReactJS, Redux, Express.JS, Sequelize.js, BCrypt, PostgreSQL)

[live](#) | [github](#)

A simple yet feature-rich application allowing users to view and book a spot to host any event.

- Designed a **RESTful API** backend using **Express.js** to implement full CRUD on multiple features with proper backend validations using express-validators.js
- Simplified queries with aggregate functions and eager loading to avoid N+1 queries and improve overall server load.
- Integrated **Google Maps API** with custom search functionality and mouseover effects that shows custom InfoWindows displaying the price and location of each spot based on user parameters and geolocation data.
- Administered frontend validations to prevent unnecessary **AJAX** requests to reduce server load using **Validator.js**.
- Implemented a custom booking calendar with **React-datepicker** which disables dates with existing bookings to avoid duplicate bookings.

INSTAPIX (Python, Docker, Flask, SQLAlchemy, Jinja, ReactJS, Redux, PostgreSQL)

[live](#) | [github](#)

A pixel-perfect tribute to Instagram, a social platform that allows users to share images.

- Incorporated a relational database with all proper associations in order to avoid duplicate/conflicting data across databases.
- Incorporated **Docker** to implement a flawless deployment with minimal user interaction.
- Formulated numerous reusable React components such as forms, likes, and followings to be used on each post.
- Strengthened relationships with other developers by having daily SCRUMs and provided support to ensure the project was finished ahead of schedule.

SOUNDCLOUD-CLONE (JavaScript, ReactJS, Redux, Express.JS, Sequelize.js, PostgreSQL, AWS)

[live](#) | [github](#)

An intuitive app used for listening to music, based on Soundcloud.

- Authored the frontend UI experience and avoided N+1 queries in the backend by creating proper associations between different tables and eager loading all queries, thus, having faster response times.
- Incorporated **AWS S3** to store images on the cloud to further reduce server load and guarantee scalability.
- Integrated multiple libraries with little to no documentation and created the perfect audio player across different components that utilizes React's useState hook to dynamically change the current song.

EXPERIENCE

Process Engineer

Integra Technologies

Oct 2015 - Nov 2021

- Coordinated with other engineers and oversaw production line outputs relating to wire bond and die attach resulting in a 33% decrease in production time.
- Accelerated production by training operators to operate Eagle E60, Eagle eXtreme, K&S Iconn, K&S, and Datacon machines.
- Maximized wire bond outputs by inspecting sem scans of wire bonds and optimizing machines to run autonomously.

EDUCATION

Full Stack Web Development - App Academy | 2021 - 2023

Accounting - San Jose State University | 2010-2013

Automotive Technician - Wyotech | Certificate of Completion | 2008-2009