

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++, Java, HTML5, CSS3, SQL

Front End: React / Redux, Three.js, Tailwind, WebSockets

Back End: Express, Sequelize, PostgreSQL, Flask SQLAlchemy, Alembic, Node.js, MongoDB,

EDUCATION

AppAcademy: Software Engineering Program

2022 - 2023

San Francisco State University: Computer Science

2021 - 2022

Napa Valley College: A.S Math, A.S Physics

2017 - 2021

PROJECTS

Raynian: Frontend Developer (MongoDB, Express, React, Node.js, Javascript) | [Github](#)

2023 - 2023

- Engineered and executed the development of 10+ modular in-house components, including timer, alarm, background settings, menus, and modals.

SeaBnB: FullStack Developer (Sequelize, Express, React / Redux, Javascript) | [Github](#) [Live](#)

2023 - 2023

- Developed a Spongebob-themed Airbnb clone app from scratch using **JavaScript** and **Express.js** framework.
- Authored detailed **RESTful API** documentation, emphasizing full **CRUD** functionality, resulting in a 50% reduction in integration errors and improved efficiency in feature implementation.
- Upgraded backend models to utilize scopes and hooks with **Express** to adhere to the **DRY** principle, reducing 25% of lines of code.

Accord: FullStack Developer (SQLAlchemy, Flask, Flask-Socketio, React / Redux, Javascript, Python) | [Github](#) [Live](#)

2023 - 2023

- Led the collaborative effort to develop a Discord-inspired application, leveraging **Agile principles** to deliver a user-friendly interface and seamless communication capabilities.
- Designed wireframe mock-ups for all app components using **Figma**; translated designs into a responsive **React** implementation that enhanced team's workflow and reduced development time by 50%.
- Architected a cohesive **relational database**, linking users, servers, and channels through **Flask SQLAlchemy** schema models making.
- Devised an effective **Redux** state management system, optimizing data flow and reducing load times by 50%.
- Introduced **peer-to-peer communication** infrastructure using **FlaskSocketIO's WebSocket** capabilities, implementing 4+ features for real-time interactions among users.

HeartBeats: FullStack Developer (Sequelize, Express, React / Redux, Javascript, Spotify API) | [Github](#) [Live](#)

2023 - 2023

- Produced a music recommendation application using **Spotify's API**, tailored to reflect the mood captured in users' journal entries, with a focus on responsive design.
- Engineered an algorithm with **JavaScript** to evaluate the emotional tone of journal entries based on factors such as word count, punctuation, keyword frequency, and text capitalization with 75% accuracy.
- Crafted a highly efficient database structure, optimizing data accessibility and enabling seamless integration with Redux state management. Revamped relationship management among 8+ models, resulting in simplified access to perform **CRUD** actions by 25%.
- Integrated **Spotify Web Authentication** to access Spotify's media features to enhance user experience by 50%.

WORK EXPERIENCE

In-N-Out: Lead Cleanup

2021- Present

- Optimized and refined daily operational routines to enhance speed and efficiency, aligning with the District and Store Manager's vision.
- Created an onboarding manual for new associates to improve retention rates and performance by 100%.

Kumon: K-12 Lead Primary Instructor

2022 - 2022

- Facilitated the comprehension of Reading, Writing, and Math assignments for students in grades 2-12.
- Conducted personalized sessions with Pre-K to 1st-grade students, enhancing students' foundational reading and math skills.

Dunkin: Lead

2016 - 2020

- Led the training initiatives and coordinated the simultaneous opening of 3 franchise locations.
- Managed inventory, prepared for future shifts, monitored sales performance and tracked discrepancies.