

Isaiah Lin

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TECHNICAL SKILLS

Programming Languages | Python, JavaScript ES6+, SQL, HTML5, CSS3

Front-End | React, Redux, Websockets, DOM manipulation

Back-End | FastAPI, Django 4, PostgreSQL, MongoDB, RabbitMQ

System Design | Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing

APPLICATION DEVELOPMENT EXPERIENCE

Full Stack Software Engineer | [Lyrdle.AI](#) | [gitlab.com/lyrdle-ai/module3-project-gamma](#)

Python 3, JavaScript ES6+, React, PostgreSQL

2023

Application for users to generate lyrics based on their input prompt or story

- Employed **FastAPI** framework in combination with **JWT** for end-user security and authentication
- Features a **3rd party API** utilizing OpenAI's ChatGPT to generate lyrics provided prompts from end-user
- Use of **React** to create State Hooks allowing detailed manipulation of the app's behavior for excellent UX
- Utilized **PostgreSQL** and **JavaScript** to create internal queries, routers, and API
- Deployed on GitLab using **Docker & CapRover** for open-source testing

Full Stack Software Engineer | **Conference GO React** | [gitlab.com/isababa12/fearless-frontend](#)

Python 3, JavaScript ES6+, React, Django

2022

Organize presentations and venues for trade conferences

- Employed **Django** framework to link multiple applications for seamless user experience by providing venue details such as Presentations and Weather information
- Created email feedback using **RabbitMQ** to notify applicants of their presentation's status for approval
- Deployed via **Docker** utilizing a Docker-Compose file to route multiple microservices and a monolith into one cohesive web application

Full Stack Software Engineer | **Car Car** | [gitlab.com/isababa12/car-car](#)

Python 3, JavaScript ES6+, React, Django

2022

Application designed for a Car Dealership to keep track of Inventory, Sales Records, and Service Appointments

- Create and integrate a Car Sales **API** with an Inventory to create sales records
- Use of **React** to create an intuitive front-end collection of web pages to help end-users create POST and GET requests to the Inventory and Sales APIs through an interactive web-application
- Use of **Docker** and **Pollers** to integrate and synchronize multiple microservices and **Value Objects**
- Integration of **Bootstrap** to create and design a pleasant web page experience

PROFESSIONAL EXPERIENCE

Mortgage Loan Originator | Network Capital

2022

- Developed a fast application taking method increasing cold application conversion from a 5% rate to 20%
- Converted outbound call center transfers to Applications at a rate of a 30%
- Trained new Loan Originators to become familiar with company software and workflow

Mortgage Loan Originator | E Mortgage Capital, Inc.

2021 - 2022

- Researched market trends to create new marketing campaigns, improving advertising responses to 30 calls per 1000 mailers
- Process loans quickly and efficiently to fund within 15 business days, 3x faster than national average
- Gave borrowers and prospects confidence by providing on-call service for updates on loan status as well as daily communications

EDUCATION

Hack Reactor | Certificate in Advanced Software Engineering

California Polytechnic University, Pomona | Focused on Business Administration

Mt. San Antonio College | Coursework included Computer Information Systems

