

Aileen Kim

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TECHNICAL SKILLS

Front End: Javascript, React, Redux, Node.js, CSS, HTML

Back End: Python, Flask, SQLAlchemy, Express.js, Sequelize, PostgreSQL, SQLite, Socket.IO, AWS S3

Testing / Deployment: Jest, Mocha, Chai, Render

Developer Tools: Docker, Git, npm, Webpack, Agile Methodology, TDD, OOP

Projects

FriendLyst, a Facebook clone

[Live](#) | [Github](#)

Python, Flask, Javascript, React / Redux, SQLAlchemy, HTML/CSS, PostgreSQL, Render, AWS S3, SocketIO

- Developed a full stack Facebook clone using a Flask backend and React-Redux frontend that allowed users to browse a news feed of your friends, view profile pages, create posts, comments and likes, and send live messages.
- Implemented AWS S3 to store and manage user-uploaded images in creating posts and updating profile pictures, streamlining the image upload process and optimizing performance and scalability.
- Implemented web sockets using Socket.IO to enable real-time communication between users, resulting in a high-quality user experience that mimicked the functionality of Facebook.
- Implemented MabBots API for advanced user visibility and usability when viewing events created by other users, showing mastery of utilizing real-world data.

PixelPal, a Discord clone

[Live](#) | [Github](#)

Python, Flask, Javascript, React / Redux, , HTML/CSS, SQLAlchemy, PostgreSQL, SocketIO, Render, (AWS)

- Developed a full stack Discord clone using a Flask backend and React-Redux frontend that allowed users to manage servers, channels, and send live messages and emoji reactions.
- Collaborated effectively with 3 team members by actively seeking and providing constructive feedback through good github etiquette, leading to continuous improvement of team performance on project deliverables.
- Implemented real-time functionality using Socket.IO, allowing for seamless communication between users through live messaging.
- Utilized RESTful API design principles to implement Create, Read, Update, and Delete operations for users, friends, servers, channels, messages, and reactions.

AKBnB, an Airbnb clone

[Live](#) | [Github](#)

Javascript, React / Redux , Express, HTML/CSS, Sequelize, PostgreSQL, Render, (Google Maps API)

- Developed a full-stack Airbnb clone using Express/Sequelize and React/Redux that allowed users to create and manage listings, leave reviews on other rentals, and create bookings.
- Utilized Sequelize, an ORM (Object-Relational Mapping) for Node.js, to seamlessly integrate the front-end React/Redux components with the Express back-end database for efficient data management in a state based design pattern.
- Implemented MabBots API for advanced user visibility and usability when viewing events created by other users, showing mastery of utilizing real-world data.

EXPERIENCE

Mercury Systems, Inc. - Treasury Analyst

Jan 2021 - Aug 2022

Leading technology company specializing in secure and reliable solutions for aerospace and defense industries.

- Conducted a thorough analysis of historical financial data and market trends to develop a detailed cash forecast model, demonstrating a strong attention to detail and analytical skills.
- Quickly learned new accounting concepts and software to effectively manage end-of-month accounting tasks, demonstrating strong adaptability and a willingness to learn.

Santander Bank N.A. - Corporate and Investment Banking Analyst, Energy

Jun 2018 - Nov 2019

Global corporate and investment bank in LatAm and US Markets

- Collaborated with executive leaders, credit team, and international finance leaders to analyze business data, conduct research, and develop insights on portfolio performance.
- Conducted in-depth industry research and analyzed internal models to prepare highly tailored client pitchbooks in close collaboration with product teams, contributing to the increased revenues of the team and organization.
- Successfully managed the onboarding process for new clients by communicating with them and the compliance team to gather KYC documentation, demonstrating strong client-facing skills and the ability to work effectively across teams.

EDUCATION

New York University Stern School of Business - New York, NY

May 2018

Bachelors of Science Finance

App Academy - Online

Apr 2023

Intensive full stack coding bootcamp focusing on JavaScript, Python

INTERESTS

Mechanical Keyboards, Skiing, Dog Training, Gaming, Foodie, Photography,