

DANISH MOHAMMAD

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SOFTWARE ENGINEER

LANGUAGES: JavaScript, Python, HTML, CSS, SQL, CAD/CAM **OTHER:** Scrum, Media, Pair Programming, Data Analysis

FRAMEWORKS: React, Redux, Express, Node.js, Flask, Sequelize, SQLAlchemy, Postgres, AWS, Support Blog, Magic Touch

PROJECT EXPERIENCE

Sol • JavaScript • Python • React • Redux • Flask • SQLAlchemy • API • HTML • CSS

[Code](#) • [Live](#)

Created a dynamic trading application that offers real-time stock data and powerful tools for managing investments, ensuring an intuitive and efficient user experience.

- Built the frontend with React, creating a dynamic and responsive interface and developed a Redux store with actions and thunks for efficient state management and asynchronous data handling.
- Developed the backend using Python, utilizing Flask with SQLAlchemy to efficiently handle API requests and manage complex database interactions.
- Utilized APIs like Polygon.io to populate my database with 100 unique stock tickers, providing accurate, real-time information on stock prices and volume.
- Implemented an APScheduler that integrates with the API to refresh and update stock information several times a minute to keep the stock information as accurate as possible.

Melody • JavaScript • Python • React • Redux • Flask • SQLAlchemy • AWS • HTML • CSS • WaveSurfer

[Code](#) • [Live](#)

Built an engaging music application offering users a seamless experience for listening to and managing favorite tracks and albums.

- Crafted an interactive frontend using React hooks and built a Redux store, delivering a fluid, real-time music browsing experience with smooth transitions and dynamic content.
- Collaborated with the team to create a custom music player (WaveSurfer) component on the frontend, enabling on-demand playback of music files stored in an AWS S3 bucket.
- Optimized app performance by fine-tuning state management and database queries, ensuring a fast, responsive, and enjoyable streaming experience.

WORK EXPERIENCE

Microdental Laboratories • Project Manager • Hicksville, NY

March 2023- August 2024

- Led cross-functional, nationwide teams to drive strategic business decisions, optimizing workflows and boosting both productivity and cost-efficiency across the organization.
- Established Microsoft Excel as the primary tool for storing case data, streamlining workflows and replacing the previous reliance on storing on Microsoft Word, making it the go-to solution for efficient data management
- Spearheaded the implementation of a scanning system across all departments, ensuring every case was scanned daily and updated in a central database, which reduced the remake factor from 18% to 4% within 8 months by improving tracking accuracy and streamlining case management.
- Directed daily team meetings to provide project updates, delegate tasks, and ensure the timely completion of high-priority cases, driving overall project success.

Eshha Jewelers • Account Manager • Brooklyn, NY

Jan 2019- May 2024

- Served as the primary point of contact for account acquisitions and ongoing account management, ensuring seamless communication and fostering strong client relationships.
- Processed client orders for custom handmade products, ensuring that all specifications were met and customer satisfaction was achieved.
- Applied technical analysis to assess price fluctuations in precious metals, providing valuable insights to guide decision-making.

EDUCATION

APP ACADEMY • Full Stack Web Development

January 2025

BINGHAMTON UNIVERSITY • BA in Economical Analysis • Binghamton, New York

December 2021