Aryan Ayad Software Engineer

t: (215) 337 1032 e: aryanayad112@gmail.com San Francisco, CA Portfolio Github Linkedin

Skills

JavaScript, Python, Reat, Redux, HTML5, CSS3, SQL, SQLAlchemy, PostgreSQL, Node, Sequelize, Express, Jinja, Docker, AWS, Mocha/Chai, Heroku

Technical Full-Stack Projects

Z.S live github | ReactJS, Redux, Flask, PostgreSQL, SQLAlchemy

- Used the React Beautiful DnD package to enable drag and drop functionality on the frontend while dynamically updating the state and the backend database.
- Created a database with PostgreSQL that featured multiple connected relationships and nested models. Broke down components at the model level to prevent sending huge jsons every render.
- Mimicked Asana's responsive auto-save using React's useState hook then dispatching new data to the server in order to persist most content changes.

Ziba live | github | ReactJS, Redux, Flask, AWS, Socket.io, Heroku and PostgreSQL, SQLAlchemy

- Used pure CSS to combine pixel perfect elements of both instagram and flickr to create a clean, visually pleasing layout.
- Incorporated AWS image hosting giving users the ability to upload images from any device's local image library
- Used the Unsplash API to obtain bulk seed data to create a more realistic, high quality user experience

Sparrow live | github | React / Redux, Flask, SQLAlchemy, Recharts/Odometer, Docker

- Used Finnhub API in tandem with a custom JS algorithm to convert real time stock candle data, from an array of different time frame resolutions, into graphable price/time points
- Used Recharts to visualize dynamic gains/losses on individual stock/portfolio of stocks
- Implemented custom JS frontend search that dynamically filters results.

After Hours live | github | React/Redux, Flask, SQLAlchemy, HTML/CSS, Socket.io

- Created a custom filtering algorithm using React state and React Hooks to dynamically filter products given two separate inputs, providing the user with a robust search experience
- Integrated server, channel, and message using React slices of states and backend relational queries.
- Enabled live chat using Flask Socket IO that allows users to receive messages without having to reload their browser in both a private and public chat room.

Education

App Academy (2021) - *Full Stack Web Development*

Relevant Coursework: Object Oriented Programming (OOP), Test Driven Development (TDD), Coding Best Practices, Systems Design & Architecture, Data Structures, Algorithms, Agile/SCRUM Methodologies

University of California, San Diego (2020) - *BA, Public Policy & Econometrics*

Relevant Coursework: Calculus (single, multi, linear), statistics, Project Management & Corp. Dev