David Jetsupphasuk

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SKILLS

Languages: Javascript, Typescript, Python, HTML, CSS, SQL
Frameworks/Tools: React, Redux, Express, Node.js, Flask, Sequelize, SQLAlchemy, PostgreSQL, MongoDB, Docker, AWS, Git, Playwright, Selenium, Figma, TailwindCSS

EXPERIENCE

Freelance   *Mar 2023 - Mar 2023*
Software Engineer   *Remote*
- Utilized Flask, Beautiful Soup, and Selenium to develop an MVP feature that displays the most recent YouTube video thumbnail images for any YouTube channel input.
- Integrated Selenium to automate scrolling in a browser to extract video data for a YouTube channel.
- Communicated effectively with the client to understand project goals and meet development requirements.

PROJECTS

GET INKED Live site | Github
- Developed a web application with React/Redux, Flask, PostgreSQL, Material UI, Docker, and AWS S3 that helps users find their next tattoo and schedule appointments with a studio.
- Built a centralized state management system using React/Redux, resulting in predictable changes to state, highly maintainable code, and optimized performance.
- Created an API route using Python/Flask to handle multiple image file uploads from the client side into a highly scalable AWS S3 bucket in a cloud environment.
- Implemented an infinite scroll feature with React to lazy load tattoo images, resulting in decreased latency on app load.

Spendings Tracker Live site | Github
- Developed a personal finance app where users are able to view charts on how money is being spent using Typescript, React, Node.js, Express, MongoDB, Mongoose, TailwindCSS, and Google Charts.
- Used Mongoose/MongoDB to construct complex aggregate queries on large datasets resulting in improved performance and reduced server load.
- Integrated a filter feature using React/React Query that fetches data from a specified time period and dynamically displays the data on the charts.

Staybnb Live site | Github
- Developed a pixel-perfect clone of Airbnb using React/Redux, Node.js, Express, Sequelize, PostgreSQL, and AWS S3.
- Constructed REST API routes with Express and utilized a Node.js object-relational mapping (ORM), Sequelize, to query and aggregate data from multiple data models.
- Integrated a reservations feature with error validations by utilizing the React Calendar package and Javascript date object manipulation to parse date strings.
- Leveraged the Google Maps API to accurately display the location of a spot based on coordinates.

EDUCATION

App Academy   *Apr 2022 – Sep 2022*
Full-time Software Engineering Immersive Program

California State University - Long Beach   *Aug 2012 – May 2017*
Bachelor of Science, Kinesiology