Ryan Harden

Full Stack Software Engineer

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Languages: Python, JavaScript, HTML, CSS, SQL

Skills: React, Redux, Node, Express, Flask, AWS S3, PostgreSQL, Sequelize, SQLAlchemy, GitHub, Postman, Render, Kanban, REST, Pair Programming, Object-Oriented Programming (OOP), Test-Driven Development (TDD)

PROJECTS

Rainforest Retail - Pixel-perfect Amazon clone - **Solo**   Live Site | GitHub
React, Redux, Flask, SQLAlchemy, Alembic, PostgreSQL, AWS S3, Render
- Leveraged AWS S3 to implement extremely efficient user image uploads, reducing overall server load and allowing for scalability of image services
- Designed a search feature that pulls results from a PostgreSQL database allowing users to filter by product name and category
- Modularized entire frontend into a hierarchy of small React components to improve readability and reusability

TuneSpace - Meticulous SoundCloud clone - **Group**   Live Site | GitHub
React, Redux, Flask, SQLAlchemy, Alembic, PostgreSQL, AWS S3, Render
- Developed an interface that utilizes React's song player library that can play/pause selected audio in order to replicate a seamless audio streaming service
- Implemented React's wavesurfer library to visualize a song's waveform while also displaying the song's progress in sync with the song player component.
- Employed GitHub's version control system to effectively collaborate with 3 other team members, working with a modular approach separating features, increasing productivity output and workflow

Nomad Nest - Pixel-perfect Airbnb clone - **Solo**   Live Site | GitHub
React, Redux, Express, Sequelize, PostgreSQL, AWS S3, GoogleMaps API, Render
- Constructed a high-fidelity home hosting web application with intuitive usage
- Built a predictive search feature that incorporates Google's Places Autocomplete API for geocoding user input to efficiently retrieve spots within a certain location and display them on a map
- Integrated Google Maps Javascript API that displays spots as markers on a map in order to enhance the platform usability and convenience for both guests and hosts.

EDUCATION

App Academy: Coding Bootcamp Program - *Full Stack Software Engineering Student*   August 2022 – March 2023
A rigorous six month, job-ready software engineering bootcamp dedicated towards front-end and back-end development with over 1,000 hours of curriculum work and engineering development.

San Diego State University - *Bachelor of Science in Kinesiology*   Spring 2021
Emphasis in Pre-Physical Therapy
Member of SDSU's Kinesiology Organization: KORE

WORK EXPERIENCE

Manual Orthopedic Physical Therapy – San Diego, CA   August 2020 – May 2021
Physical Therapy Aide/Exercise Specialist
- Equipped patients with ice and stimulation to alleviate any pain
- Supervise, demonstrate, and rectify any exercise performed by the patient
- Effectively communicate with any patient about specific regions
- Organize patients files in a convenient and sophisticated manner