THANDI MPOFU
Software Developer

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SUMMARY

Hi, I'm Thandi Mpofu, and I'm on a mission to become a developer. I've always been fascinated by technology, and now I'm excited to turn that interest into real projects with code.

SKILLS

React, Redux, Ruby, Ruby on Rails, Javascript, jQuery, SQL, Git, HTML5, CSS3, AWS 3

PROJECTS

Luvddit (Javascript, Express, Sequileze, React, Redux HTML5, AWS 3 and CSS)   Live Site | Github
- Developed the Luvddit API using Express (Javascript) to ensure a solid and reliable connection between the front-end and database, establishing a strong foundation for a Reddit-inspired platform.
- Used Redux to manage the application's data effectively within frontend components, ensuring seamless communication and a responsive user interface.
- Utilized Git and GitHub for effective collaboration, regularly creating pull requests and resolving issues to enhance application stability.
- Implemented Postgres for storing and retrieving structured data, including user profiles, posts, and comments, ensuring efficient performance and reliable data management.
- Proficient in deploying and managing applications on Amazon Web Services (AWS), which includes utilizing services such as EC2 (Elastic Compute Cloud) for scalable virtual servers, S3 (Simple Storage Service) for reliable object storage, RDS (Relational Database Service) for managing databases, and Lambda for executing serverless functions, all of which collectively provide robust and scalable cloud solutions.
- Implemented strong data security and privacy measures with Sequelize, incorporating comprehensive validations to ensure the integrity and confidentiality of user information throughout the application.

Edgy (SQLAlchemy, Flask, Python, React, Redux HTML5, CSS and Javascript)   Live Site | Github
- Engineered the Edgy platform with Flask (Python) for the backend, enabling smooth interaction between the front-end and database, inspired by the ecommerce website Etsy.
- Postgres for strong data handling, storage, and retrieval, overseeing user profiles, transaction records, and a comprehensive product catalog. This approach was pivotal in optimizing both the performance and scalability of the application.
- Implemented strong data security and privacy measures, including multi-layered authentication, with added protection for sensitive information using SQLAlchemy and Flask forms. This emphasis on user trust and safety ensured data integrity and prevented unauthorized access or breaches.
- Utilized Redux in the frontend for global state management, providing a cohesive and responsive user interface for enhanced usability.
- Collaborated effectively with cross-functional teams, demonstrating strong communication and teamwork skills throughout the project.

EXPERIENCE

Trinity Groves, *Server* - Dallas, TX   July 2022 - Dec 2022
- Ensuring accurate orders and delivering a seamless dining experience.
- Greeted new customers, discussed specials, and took drink orders.
- Managed 3-4 tables at a time, where I promptly answered customers' questions, recommended items from menus featuring 20-30 options, and recorded order information.
- Clear communication with customers and colleagues which is essential in all industries and universally valued in effective teamwork and collaboration.
- Carried out complete opening, closing and shift change duties to keep the restaurant working efficiently and teams ready to meet customer needs.

EDUCATION

- App Academy Coding Bootcamp: Gained comprehensive skills in both front-end and back-end web development, and collaborated with peers through pair programming to enhance problem-solving skills.