Mohameddeq Abdi

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SUMMARY

Creative and results-driven Full-Stack Web Developer with extensive experience in building dynamic and user-centered web applications. Adept at both front-end and back-end development, with a strong commitment to delivering high-quality, scalable solutions. Known for solving complex problems and adapting to new technologies in fast-paced environments. Eager to leverage my technical expertise and collaborative skills to drive innovation and contribute to impactful projects in the tech industry.

EDUCATION

2023 - present   Bachelor's Degree in Computer Science at **USIU-Africa**, Kenya

SKILLS

React, Next.js	Proficient in developing interactive and responsive web applications using React and Next.js.
Python, Django, Flask	Skilled in backend development with Python frameworks like Django and Flask.
HTML, CSS, Tailwind CSS	Expertise in creating modern and responsive designs using HTML, CSS, and Tailwind CSS.
JavaScript	Proficient in JavaScript for frontend development.
PostgreSQL, SQL	Proficient in database management and SQL.

PROJECTS

USIU Mood Tracker   https://usiu-mood-tracker.netlify.app/

- Spearheaded the end-to-end development of the USIU Mood Tracker, a groundbreaking application tailored to meet the needs of students and educators at USIU.
- Architected both front-end and back-end components of the platform, integrating user-friendly interfaces with robust back-end functionalities.
- Developed a visually engaging and intuitive front-end, allowing students to log their moods and interact with the platform seamlessly.
- Implemented advanced data visualization and analytics on the front end, providing educators with actionable insights into class dynamics and student well-being.
- Worked closely with back-end developers to design and implement secure API endpoints, including JWT authentication, and ensured smooth data communication between front and back ends.
- Utilized React.js for the front end to deliver a rich user experience and Flask for the back end to manage interactions with Mood API endpoints.

EXPERIENCE

Intern - Social Media Research **Simealb**
March 2024 - Present *Simelab-USIU*

- Assisted in data collection from various social media platforms using relevant tools and APIs.
- Cleaned and preprocessed data to ensure data quality and accuracy.
- Conducted exploratory data analysis (EDA) to identify patterns, trends, and anomalies.
- Built and maintained data pipelines for efficient data processing.
- Developed data visualizations using appropriate tools (e.g., Tableau, Power BI, Python libraries) to communicate insights effectively.