Aphiwe Msabala

Contact

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Education

WeThinkCode_ | 2023 - 2024
Higher Certificate
- Software Development

Nelson Mandela University | 2022 - 2022
Bachelor of Science
- Biochemistry, Chemistry, Microbiology, and Physiology

Projects

Care Compass

- Developed a python web application that acts as a information hub that raises awareness on where to locate essential services that can help people in need live a basic quality of life
- Used tools and frameworks such flask, firebase, github

ByteSize

- Developed a python web based application to improve Telkom Learn App, by making it a byte sized content educational app, to generate more users and motivating user to stay by utilizing fast content
- Utilized tools and frameworks such as flask, github, google gemini api to create a personalized recommendation for the courses offered based on data gather from what they mostly interact with on the platform.

Work Experience

Model Trainer | 2024 - current | Part - time
Outlier
- Training models to correctly respond in local languages and asking coding prompts and analyzing response to fixing the code to make it work and a readable response.

Skills

- **Programming Languages:** Python, Java, SQL, HTML, JavaScript, CSS
- **Frameworks & Libraries:** Flask, JUnit 5
- **Cloud & DevOps:** AWS (Lambda, API Gateway, Cognito, DynamoDB, S3, CloudFormation), Docker, CI/CD
- **Tools & Platforms:** Git, Maven, cURL, CodeScene, Makefiles
- **Testing:** Unit Testing, Stress Testing, Acceptance Testing
- **Scripting:** Bash, Python
- **Operating Systems:** Linux, Windows
- **Databases:** SQLite, MySQL
- **Other:** Brownfields Development, API Development, Robot Worlds Simulation, Web Development

Certifications

SheCodes Basics