Siyamthanda Maxwell Gxowa

Junior Software Engineer

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Profiles

in siyamthanda.maxwell.gxowa

○ SMGxowa1

Summary

Seeking a Junior Software Engineer position at where my technical skills and passion for teamwork align with the company's culture of trust, transparency, and excellence in Agile software development.

Experience

George Municipality   June 2023 - Jan 2024
Information Technology Intern   George
🔗 https://george.gov.za

- Supported the day-to-day operations of Azure environments, including provisioning resources, managing identities, access, and monitoring Azure services for performance and security.
- Experienced how to meet the support needs of a fast-paced technology company serving over 1000 members in the organization from IT professionals.
- Accomplished an understanding of computer hardware, operating systems, and applications through daily interactions and troubleshooting.
- Diagnosed network problems in an effective manner.
- Acquired knowledge of application and update rollouts.

University of The Western Cape   Jan 2020 - Dec 2020
Lead Developer   Cape Town
🔗 https://www.uwc.ac.za/

- Implemented and optimized AR and 3D features according to the clients needs.
- Assisted in the development of a mobile AR human anatomy using C# as the primary language.
- Created and applied UI/UX designs using wireframes and mock-ups including MVP.
- Collaborated with a team using the agile methodology with weekly sprints.
- Designed experiences, interactions and applications that support effective collaboration within Unity engine.

Education

CapaCiti   February 2024 - Present
Systems Development   Learnership
🔗 https://uvuafrica.com/capaciti/

Experienced Systems Development Learner with hands-on training in a variety of programming languages including Python, JavaScript, Java, SQL, SQLite, HTML, and CSS.

University of The Western Cape   Jan 2020 - Dec 2020
Software Development   Postgraduate Diploma, e-skills

Projects

Anat_Hub   June 2020 - Dec 2020
An immersive AR mobile application that will assist learners and educators in studying and teaching the names, attachments, and actions of muscles of the human musculoskeletal system (upper and lower limbs).

augmentedreality, SDK, 3D, C#, androiddevelopment

References

Shadly Frans
Tech Mentor

Shadly.Frans@capaciti.org.za

Alfredo Meyer
Senior Technician

Alfredo.Meyer@george.gov.za

Skills

C#
● ● ● ○ ○

JavaScript
● ● ● ○ ○

Python
● ● ● ○ ○

Github
● ● ● ○ ○

MongoDB
● ● ○ ○ ○

Node.js
● ● ○ ○ ○

Git
● ● ○ ○ ○

SQLlite
● ● ○ ○ ○

Teamwork
● ● ● ● ○

Adability
● ● ● ● ○

Interests

Sports
commitment, teamwork, discipline

Certifications

LambdaTest Software Testing Professional Certificate   April 2024
LambdaTest
🔗 https://www.linkedin.com/learning/certificates/3a2756085de24c173e80edf00ea32986a1cb0688230035fc4c9ba64bd46a456d

JavaScript Algorithms and Data Structures   August 2023
freeCodeCamp
🔗 https://freecodecamp.org/certification/fcca03e0b90-c2b9-4dcb-b1cb-175a40704d8c/javascript-algorithms-and-data-structures

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Awards

Golden Key International Award   2021
Golden Key International Honor Society
🔗 https://www.goldenkey.org/

Publications

A Novel Immersive Anatomy Education System (Anat_Hub): Redefining Blended   2022
Learning for the Musculoskeletal System
MDPI
🔗 https://www.mdpi.com/2076-3417/12/11/5694

The aim of the study was to develop an immersive AR mobile application that will assist learners and educators in studying and teaching the names, attachments, and actions of muscles of the human musculoskeletal system (upper and lower limbs).

Languages

IsiXhosa
Native
● ● ● ● ●

English
Read, Write and Speak
● ● ● ● ●

Afrikaans
Read, Write and Speak
● ● ● ● ○