Andile Ngobese

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Profile

Recent graduate in IT specializing in Intelligent Industrial Systems. During my studies I have acquired skills in automation, robotics, programming and IT electronics. I have participated in various projects. Eager to pursue a career in a dynamic environment, showcasing acquired skills and continually advancing my expertise. Recently completed a comprehensive course in Java Software Development to further enhance technical capabilities

Experience

EXTENDED REALITY DEVELOPER | CXI-AFRICA | SEPTEMBER 2023 – FEBRUARY 2024

· **Job Type**: Work Integrated Learning
· I have gained practical experience in various aspects of XR, focusing on both VR and AR technologies.
· Learn about the fundamental of mobile development in XR and scripting in XR.
· I have developed the AR application with team, my role focused on user interface of the application ensuring the user-friendly experiences that push the boundaries of extended reality.

Education

N DIP IT: INTELLIGENT INDUSTRIAL SYSTEMS | MARCH 2024 | TSHWANE UNIVERSITY OF TECHNOLOGY

JAVA SOFTWARE DEVELOPMENT| AUGUST 2024 | MECER INTER-ED, MIDRAND | LEARNERSHIP

Skills & Technical Skills

· Control version - Git
· Programming – C++, C#, Java 8
· Web application – HTML, CSS, JavaScript, JSP
· XR – Unity
· Database – MySQL, Vuforia
· Control systems – PLC, SCADA
· Java Technologies – JEE, JDBC, MVC

· Time management
· Critical thinking
· Effective communication
· Problem solving
· Team work

Projects

POS (point of sale) System for Carlo's boutique

Group work project.

I work on building a report feature for this system where managers can monitor the performance of the tellers and manage the inventory. I implement an advance java concept such as lambda expression, streams, collections and algorithm to ensure that I build a scalable and maintainable application. I develop a user interface using JSP, JavaScript to provide reports graph to ensure the system is simple and friendly to managers.

Hotel Reservations System for Luxury Leisure Hotel

Individual project | Full stack developer | JAVA, MYSQL, HTML, CSS, JSP, JAVASCRIPT

Developed a web-based application to automate the hotel reservation process. The system enabled guests to book rooms based on availability and provided hotel staff with tools to manage bookings, room listings, and customer data through a comprehensive admin dashboard. Key Features: Room Booking, User Authentication, Room Management by staff member, Booking Management, Customer Management and Admin Dashboard.

Responsibilities:

- Designed the database schema for rooms, bookings, and customers.
- Developed front-end and back-end components.
- Implemented booking logic to avoid double bookings.
- Created an admin panel to oversee reservations.
- Handled user authentication and role-based access control