Andre Pretorius

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Summary

I am an extremely hardworking and self-disciplined individual, striving to excel in what I do. I consider myself to be a friendly, trustworthy, and open-hearted person with excellent communication skills. I hold honesty, respect, and loyalty in high regard.

Work Experience

Junior Systems Engineer at Groundwork Consulting   Dec 2024 - present

Designed, built, and automated various systems within the company. Designed and compiled reports for real-time monitoring on mining projects. Assisted with head office ICT systems. Provided off-site technical support to clients. IoT technology research and implementation, handling device data flow and analytics. Occasionally assisted with hardware development and implementation.

Projects

NWU Human Movement Sciences Management Platform   Link to GitHub

The NWU Human Movement Sciences Digital Platform is an integrated solution designed to enhance the accessibility and engagement of Human Movement Sciences resources at North West University. This project includes both a website and mobile application, aimed at providing students and faculty with a seamless experience to access information, resources, and tools related to the School of Human Movement Sciences.

ClassMate   Link to GitHub

ClassMate is a web-based management platform designed to streamline student and educator management. Built with a modern stack to provide both administrators and educators with a seamless experience.

Education

2017 - 2018 National Senior Certificate **High School Secunda**
2019 - 2021 National Senior Certificate **Potchefstroom Gimnasium**
2022 - 2024 Bachelor of Science in Information Technology **North West University**

Achievements

Academic Top 30 **High School Secunda**
12 years of school attendance without absence **Potchefstroom Gimnasium**
Grade 12 Silver Academic Merit **Potchefstroom Gimnasium**
Golden Key International Honours Society **North West University**

Skills

Programming Languages	TypeScript, JavaScript, C#, Python
Frameworks	Node.js, .NET Core, React, Next.js
Data Management	MongoDB, SQL, Data Structures & Algorithms, REST API Design
Development Tools	Git, GitHub, Postman, Docker, VS Code
Soft Skills	Problem Solving, Project Management, Attention to Detail, Time Management