Abel Junior Matlhare

🏠 South Africa

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🌐 Portfolio: https://jj-collabs.github.io/Portfolio/

Professional Summary

Motivated and detail-oriented BSc Information Technology student at North-West University, with a strong foundation in software development and database systems. Passionate about building scalable systems and continuously learning new technologies. Seeking internship or graduate opportunities in software engineering or IT support.

Education

- 🎓 North-West University

BSc Information Technology – Expected Graduation: 2026
Credits Completed: 408 credits of 472 as of 2025

- 🎓 Pearson Institute of Higher Education

Higher Certificate in IT – 2017

- 🎓 HTS Carel de Wet THS

Matriculated in 2016
Subjects: Mathematics, Life Orientation, Physical Science, Life Science, Computer Application Technology, Afrikaans, English

Technical Skills

- 💻 Programming Languages: Python, Java, C#, C++
- 🗄 Database Technologies: SQL, MySQL, Oracle, Microsoft Access, Microsoft SQL Server, MongoDB
- Web development: Front-end – React, JavaScript, HTML

Projects

- **Financial Management System – C# & SQL**
  Developed a full-stack CRUD application where users could create accounts, log incomes and expenses, and generate financial statements including profit and loss summaries.

Implemented secure data handling and intuitive form-driven input with relational database integration.

- **Hair Salon Database System – Oracle SQL**
  Designed and implemented a relational database for a hair salon to manage client appointments, services, stylists, and payment records. Optimized queries for reporting on daily bookings and revenue. Focused on normalization, data integrity, and scalability.

- **LAN Network Deployment – Cisco Packet Tracer**
  Planned and implemented a large-scale Local Area Network (LAN) with over 100 devices, including routers, switches, PCs, wireless access points, and a central server. Configured IP addressing, subnetting, and routing to ensure full connectivity. The server provided centralized services such as file sharing, DHCP, or DNS to simulate a real enterprise environment.

- **Peer-to-Peer Tutoring App**
  A full-stack web application that connects students with peer tutors for academic support. The platform allows users to register as either tutors or learners, schedule sessions, and communicate securely within the app. I'm focusing on creating a seamless experience that encourages learning collaboration across different subjects.

Links
- GitHub: https://github.com/jj-collabs
- LinkedIn: https://www.linkedin.com/in/aj-matlhare-376574351
- Portfolio Website: https://jj-collabs.github.io/Portfolio/