

Abel Junior Matlhare

 South Africa

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 Portfolio: <https://ji-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: 124 as of 2024

-  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

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.

Links

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