Mxolisi Mazwi Ngema

IT Graduate | Software & Data Engineering
South Africa, 6458 Kilimanjaro Street | 076 072 5075 | mxolisimazwi16@gmail.com

Summary

Aspiring Software Developer and Data Engineering with a strong foundation in programming and data management. Passionate about using technology to solve real-world problems through software development, web applications, and data-driven solutions. Experienced in working with programming languages, databases, and collaborative team environments through academic projects and structured training programmes. Eager to contribute to innovative projects while continuously learning, growing, and delivering high-quality results in a professional setting.

Experience

Data Engineering Trainee
Youth Employment Service (YES) Programme, OmTalent – Rivonia
Mar 2025 - Feb 2026
- Assisted with data handling, validation, and basic data processing tasks.
- Worked with databases and data quality checks.
- Supported technical processes and systems in a structured work environment.
- Developed analytical thinking and attention to detail.
- Gained exposure to professional workplace standards and documentation

Software Development Trainee
Afrika Tikkun Services, Randburg
Mar 2024 - Feb 2025
- Gained hands-on experience supporting applications, systems, and users in a training environment.
- Assisted with basic troubleshooting, debugging, and resolving software-related issues.
- Worked with databases and data handling concepts.
- Supported testing and validation of systems to ensure functionality.
- Collaborated with team members using Agile principles.
- Developed strong problem-solving, communication, and time management skills.

Education

Diploma in Information Technology
Richfield Graduate Institute of Technology
2023 - 2025 (*Completed*)

Skills

- Software Development
- Python Programming
- Data Engineering
- Database Management
- Agile Methodologies
- Analytical Thinking
- Cloud Computing
- SQL Development
- Collaborative Teamwork
- Software Testing
- Problem Solving

Certifications

- Google Cloud Certified Professional Data Engineer (2025)
- Google Cloud Certified Professional Cloud Database Engineer (2025)
- Oracle Certified Associate: Java SE 8 Programmer (2025)
- Python Institute PCAP: Certified Associate Python Programmer (2024)
- Microsoft Certified: Azure Fundamentals (AZ-900) (2024)
- Microsoft Certified: Azure AI Fundamentals (AI-900) (2024)

Projects

- Crime Reporting Web Application
- Loan Calculator Web Application
- Personal Finance Dashboard

References

Reference available upon request