

Neo Kenedy Nkidi

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GitHub: <https://github.com/NeoKnkidi7>

Portfolio: <https://neoknkidi7.github.io/>

Professional Summary

Final-year BSc IT student at North-West University with 20+ certifications and practical experience across AI, data science, cybersecurity, and software engineering. Built real-world solutions like an AI crime hotspot predictor. Proven leadership as a project manager and tutor, blending technical excellence with communication and stakeholder engagement.

Technical & Functional Skills

- **Functional Competencies:** Data Analysis & Visualization | AI & Machine Learning | Cybersecurity Analysis | Software Development | Business Intelligence | Project Management | Risk Assessment | Agile Methodologies | Stakeholder Engagement
 - **Technical Tools:** Python | SQL | Java | C++ | JavaScript | Tableau | BigQuery | SIEM Tools | Data Modeling
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Education

Bachelor of Science in Information Technology

North-West University, Vanderbijlpark, South Africa | Expected: 2025

Key Modules: Artificial Intelligence, Data Analytics, Decision Support Systems, Systems Analysis & Design, Networks, OOP

Distinctions: Problem Solving (81.00), Communication Skills (81.00), Descriptive Statistics (80.00), User Interface Programming I (88.00), OOP

Certifications

Google Business Intelligence | Google Cybersecurity Professional | Google IT Support | Google Project Management | Microsoft AI Fluency | Microsoft Copilot | Oracle AI Foundations | Oracle Generative AI | Oracle Data Science | AI Fundamentals (Microsoft) | Generative AI (Microsoft) | Search Technology (Microsoft) | Responsible AI (Microsoft) | FNB App Academy (Full Stack) | Advanced Software Engineering (Walmart Global Tech) | Cybersecurity Analyst (Tata) | Cyber Security Consulting (PwC) | Deloitte Cyber Job Simulation | Quantum Data Analytics Job Simulation

(Certificates available on request & linked in portfolio)

Featured Projects

Load-Shedding Impact Predictor – ML model forecasting outage-economic correlation

SA Crime Hotspot Predictor – AI model detecting crime-prone areas

FinSight Financial Intelligence - AI-powered platform for financial professionals

CodeForge AI - Next-Gen Development Platform - AI-Powered Code Generator:
Translates natural language to functional code.

Professional Experience

Mathematics & Science Tutor | ValorSpirit Academy | Jan 2022 – Present

- Designed custom lesson plans; improved learner performance and confidence.

Quantum Data Analytics Intern | Jul 2025

- Conducted uplift testing, created category reports for commercial strategy.

PwC Cyber Security Consulting Intern | Jul 2025

- Performed risk assessments, documented missing controls and mitigation.

Tata Cybersecurity Analyst Intern | Jul 2025

- Developed IAM strategies aligning security policies to business objectives.

Walmart Global Tech Software Engineer Intern | Jul 2025

- Designed data processor architecture and advanced heap data structures in Java.

Deloitte Technology & Cyber Intern | Jul 2025

- Analyzed logs to detect threats, proposed dashboard enhancements.

Examination Assistant | Dept. of Basic Education | Nov–Dec 2024

- Handled confidential scripts under strict timelines.

Assistant Radiographer (Volunteer) | Taylor Bequest Hospital | Feb–Mar 2022

- Supported patient care and imaging processes.

Project Lead (Academics) | NWU Management Info System | Feb–Nov 2023

- Coordinated project timelines, resolved team challenges, ensured deliverables.

Core Strengths

Data-driven thinking | Strong teamwork & leadership | Adaptability under pressure |
Communication | Social impact through tech

Interests

AI & Responsible AI | Cybersecurity | Open-source Projects | Hackathons | Data
Visualization | Community Development

References

Available upon request.