

# Alulutho Tokwe

Gqeberha, South Africa

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## Professional Summary

I am a motivated ICT graduate and CAPACITI trainee specializing in Software Testing and Cybersecurity. With a Diploma in Information Technology in Management and hands-on exposure to AI, web development, and system analysis, I combine technical expertise with a passion for problem-solving and continuous learning. Currently enrolled in the CAPACITI Software Testing & Cybersecurity Programme, I'm committed to developing secure, efficient, and innovative digital systems that address real-world business challenges.

## Education

**Diploma in Information Technology in Management** — IIE Rosebank College

Key Modules: System Analysis & Design, Project Management, Database Management, Web Development, IT Management, Computer Architecture, Network Architecture & Helpdesk, Databases.

## Professional Training

**Software Testing & Cybersecurity Candidate** — CAPACITI (Gqeberha Branch) | Aug 2025 – Present

Gaining hands-on experience in software testing methodologies, cybersecurity principles, and risk assessment.

Collaborating on real-world simulation projects focused on secure system design and testing.

## Technical Skills

- Software Testing (Manual testing, test documentation, defect tracking)
- Cybersecurity (Threat detection, vulnerability assessment, security awareness)
- Programming (Python, JavaScript, HTML, CSS)
- Web Development (Responsive design, full-stack basics, API integration)
- AI & Machine Learning (Model development, data preprocessing, AI ethics)
- Database Management (SQL, normalization, optimization)
- System & Network Architecture (Infrastructure, troubleshooting, support)
- Version Control (Git & GitHub)
- System Analysis (Requirements gathering, process modeling, UML diagrams)

## Soft Skills

- Analytical and critical thinking
- Excellent communication and teamwork
- Quick learner, adaptable to new tools and technologies
- Detail-oriented and quality-focused
- Strong organizational and time management skills

## Certifications

- FNB App Academy (IT Varsity) — Full-Stack Development
- AI & Machine Learning — Stanford University / DeepLearning.AI
- Python for AI — IBM
- AI Ethics — IBM

- Data Science Foundations — Johns Hopkins University
- Web Development Fundamentals — IIE Rosebank College
- Database Design & Management — IIE Rosebank College
- IT Project Management — IIE Rosebank College

## **Projects**

- AI Resume Builder — Python (Google Colab): Automatically generates professional resumes.
- StudyBuddy — AI-based tool for personalized study assistance and note organization.
- Notebook App — Python-driven application for efficient digital note management.

## **Interests**

Emerging technologies, cybersecurity innovations, ethical AI, and continuous personal development.

## **References**

Available on request.