

# Alulutho Tokwe

AI/ML Engineer & Developer

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## Professional Summary

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

- System Analysis & Design
- Project Management
- Database Management
- Web Development
- IT Management
- Computer Architecture
- Network Architecture & Helpdesk

## Professional Training

### Software Testing & Cybersecurity Candidate

Aug 2025 – Present

CAPACITI (Gqeberha Branch)

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	Python	JavaScript	HTML	CSS
Responsive Design	API Integration	AI & Machine Learning	SQL	Database Management	

Git & GitHub

System Analysis

UML Diagrams

## Soft Skills

Analytical Thinking

Critical Thinking

Communication

Teamwork

Quick Learner

Adaptable

Detail-Oriented

Quality-Focused

Time Management

Organization

## Licenses & Certifications

### Negotiation Skills: Negotiate and Resolve Conflict

Macquarie University

Issued Oct 2025 • Credential ID: S4JU47UOV3BR

### Solving Problems with Creative and Critical Thinking

IBM

Issued Oct 2025 • Credential ID: VAJFODI0Y172

### Trustworthy AI: Managing Bias, Ethics, and Accountability

Johns Hopkins University

Issued Oct 2025 • Credential ID: TSZ18BVZN9H6

### AI Foundations: Prompt Engineering with ChatGPT

Arizona State University

Issued Sep 2025 • Credential ID: AMESR2TR82GZ

### Advanced Learning Algorithms

DeepLearning.AI, Stanford University

Issued Sep 2025 • Credential ID: IQEWPMJSJOOCQ

### Generative AI with Large Language Models

DeepLearning.AI, Amazon Web Services

Issued Sep 2025 • Credential ID: GATRDLIHC1FK

### Introduction to Responsible AI

Google Cloud

Issued Sep 2025 • Credential ID: Y0G7IBJ1D7LY

### Managing Conflicts with Cultural and Emotional Intelligence

University of Maryland, College Park

Issued Sep 2025 • Credential ID: F19KXD5I003L

### Preparation for Job Interviews

Coursera Project Network

Issued Sep 2025 • Credential ID: 90300IOLR2FY

### Psychology of the Self

American Psychological Association

Issued Sep 2025 • Credential ID: G9X4JUP7W2SP

### Python for Data Science, AI & Development

IBM

Issued Sep 2025 • Credential ID: DVKIL975GT7M

### Supervised Machine Learning: Regression and Classification

DeepLearning.AI, Stanford University

Issued Sep 2025 • Credential ID: V27YULTML1SX

### Unsupervised Learning, Recommenders, Reinforcement Learning

Stanford University

Issued Sep 2025 • Credential ID: 61LMA8QKXD4F

### AI Essentials

Intel

Issued Aug 2025 • Credential ID: TQUIF7HO6S1D

### AI For Everyone

DeepLearning.AI

Issued Aug 2025 • Credential ID: 8YFJOYBMVBTW

**Introduction to Generative AI**

Google Cloud

Issued Aug 2025 • Credential ID: N1R4CFSS2G8E

**FNB App Academy**

IT Varsity

Issued Jul 2025 • Credential ID: AOTYAA072025

## Projects

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### **AI Resume Builder** — Python

Automatically generates professional resumes using AI technology, streamlining the resume creation process.

### **StudyMate** — Python (AI-based application)

Personalized study assistance tool with intelligent note organization and study recommendations.

### **Notebook** — Python (Google Colab)

Python-driven application for efficient digital note management with advanced organizational features.

## Interests

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

## References

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*Available on request.*