TATENDA TIMOTHY MACHAVHUNGA

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Website: [Timothy Machavhunga - Portfolio](#)

PROFILE

Junior ICT & Software Developer with hands-on experience in software testing, UAT, system administration, and enterprise content management (ECM). Skilled in SQL Server, programming, and user training, with internship experience in Agile-based development and Documentum administration. Recognized for adaptability, strong problem-solving, and passion for emerging technologies.

EDUCATION

BSc Information Technology – Richfield Institute of Technology | 2022 – 2025
Core Modules: Cybersecurity, Information Systems, Networks, Operating Systems, Cloud Computing, AI, Big Data & IoT, Software Engineering, Programming

National Senior Certificate (Matric) – Ekangala Engineering High School | 2018 – 2021

TECHNICAL SKILLS & COMPETENCIES

- **Programming & Development:** C++, C#, VB.NET, Java, Python | HTML, CSS, JavaScript, PHP | RESTful APIs | Agile (Scrum)
- **Databases:** MySQL, PostgreSQL, Data analysis, optimization & reporting, SQL Server (queries, tables, indexing)
- **Enterprise Content Management:** OpenText Documentum, OpenText Intelligent Capture (User/Group Admin, Job/Method Creation, Security, Storage Config)
- **Tools & Platforms:** Windows, Windows Server 2022, Visual Studio, VS Code, NetBeans, OpenCV
- **Cybersecurity Fundamentals:** Network security, access control, vulnerability assessment, risk management
- **Soft Skills:** Communication, teamwork, adaptability, critical thinking, time management, multitasking

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PROJECTS & RESEARCH

OpenCV Facial Recognition System

- Built a facial recognition system in C# with OpenCV for accurate feature detection and analysis.
- Optimized algorithm performance for high reliability and speed.

Marketplace Web Development

- Developed a modern e-commerce platform with a secure checkout system, search filters, and optimized UI for user engagement.

Enterprise Document Management System (Internship Project)

- Assisted in ECM development using OpenText Documentum, contributing to workflow automation and feature optimization.
- Supported installation and configuration with SQL Server integration

Agile-Based Development Experience (Internship at Faranani)

- Collaborated in Scrum teams for software delivery, participating in sprint planning, testing, and continuous improvement.

WORK EXPERIENCE

Junior Developer Intern - Faranani | August 2024 – Present

- Developed software solutions and contributed to projects using Agile (Scrum) methodologies.
- Conducted **SQL Server queries, database optimization, and indexing** during system setup and maintenance.
- Assisted in coding, testing, and debugging, ensuring high-quality software delivery.
- Supported ICT infrastructure and enterprise content management processes with Documentum.
- Identified and resolved malfunctioning APIs to restore system functionality.
- Conducted infrastructure assessments, documented system status, and proposed optimization strategies for upgrades.
- Conducted UAT sessions and trained end-users on system features.
- Researched and implemented tools to improve system efficiency and business process automation.

CERTIFICATIONS & TRAINING

- OpenText Documentum Admin – Completed
- OpenText Information Archive Admin – Completed

REFERENCES

- Mr**.** Herbert Zuze – Project Manager, Faranani | +27 78 017 8223
- Mr. Hennie Janse Van Rensburg- Business Unit Manager, Faranani | +27 76 224 2805