TATENDA TIMOTHY MACHAVHUNGA

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PROFILE

Junior ICT and Software Developer with practical experience in system administration, web development, and enterprise content management. Skilled in configuring and supporting networks, servers, and Documentum-based systems. Demonstrates a solid understanding of Agile (Scrum) practices and the software development lifecycle. Quick to adapt to new tools and technologies, with a strong foundation in programming, CMS platforms, and system maintenance. Passionate about delivering reliable, high-performance solutions and continuously improving technical skills.

EDUCATION

BSc in Information Technology

Richfield Institute of Technology | 2022 – 2025

Core Modules: Cybersecurity, Information Systems, Operating Systems, Networks, IT Project, Software Engineering, Cloud Computing, AI, Big Data & IoT, Programming (7 modules).

National Senior Certificate (Matric)

Ekangala Engineering High School | 2018 – 2021

TECHNICAL SKILLS & COMPETENCIES

- **Programming Languages:** C++, C#, VB.NET, Java, Python

- **Web Development:** HTML, CSS, PHP, JavaScript (Front End Development)

- **Database Management:** SQL (MySQL, PostgreSQL)

- **Enterprise Content Management:** OpenText Documentum, OpenText Intelligent Capture (basic knowledge)

- **Software Development:** Agile (Scrum), debugging, testing

- **API Integration:** RESTful APIs, basic understanding of JSON/XML data exchange

- **Problem-Solving & Research:** Strong analytical skills with a passion for learning new technologies

- **Operating Systems & Tools:** Windows, OpenCV, Visual Studio, VS Code, NetBeans, Windows Server 2022

- **Other Skills**: CMS, Document Management, Documentum Admin (User/Group Creation, Job/Method Creation, Authentication, Security, Server Configuration, Storage Areas)
- **Cybersecurity Fundamentals**: Understanding of security principles, risk assessment, network security, access controls, and vulnerability management (covered during college coursework)

SOFT SKILLS:

- Effective communication (written & verbal)
- Adaptability and willingness to learn
- Critical thinking and problem-solving
- Time management and multitasking
- Teamworking and collaboration

PROJECTS & RESEARCH

OpenCV Facial Recognition System

- Researched and developed a facial recognition system using OpenCV and C# in Visual studio 2022, implementing advanced algorithms for feature detection and analysis.
- Optimized performance for high reliability and accuracy.

Marketplace Web Development

- Built a modern e-commerce platform with a user-friendly UI and product categories for selling electronics and other varieties.
- Implemented a secure checkout system, search filters, and optimized performance.

Enterprise Document Management System (Internship Project)

- Assisted in the development of an enterprise content management system using OpenText ECM to improve document workflows and automation.
- Contributed to research and development of new features and optimization.
- Gained hands-on experience in **Documentum Admin** functionalities

Agile-Based Development Experience (Internship at Faranani)

- Worked in Scrum-based teams to deliver software solutions, gaining experience in sprint planning, testing, and continuous improvement.

WORK EXPERIENCE

Junior Developer Intern - FARANANI (August 2024 - *Present*)

- Researched and explored new technologies to enhance development processes.

- Contributed to software development using Agile (Scrum) methodologies.

- Assisted in coding, testing, and debugging software solutions.

- Worked with a team to optimize business processes through automation and enterprise content management.

- Supported ICT infrastructure tasks, including enterprise content management using Documentum.

- Participated in researching and implementing tools to enhance system efficiency.

- Tested business processes to ensure they function properly, troubleshooting issues to identify and resolve problems.

- Identified malfunctioning APIs and developed solutions to restore their functionality.

- Participated in an environmental assessment to evaluate existing infrastructure and prepare for a major system upgrade, identifying potential risks and areas for improvement.

- Contributed to documenting system status, proposing optimization strategies, and assisting in the planning phase of the upgrade process.

CERTIFICATIONS & TRAINING

- OpenText Documentum Admin (Completed)

- OpenText Information Archive Admin (In Progress)

REFERENCES

Richfield Institute of Technology - Mr. Nobel (Senior Lecturer) - 081 402 8941
Faranani - Mr. Herbert Zuze (Project Manager) - +27 78 017 8223