SIYABONGA T. SITHOLE

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SUMMARY

Results-driven Software Development Graduate & IT Support Specialist who consistently excelled in a professional industry environment during in-service training, earning a Distinction (83%) in Industry Exposure III. Proven ability to apply academic knowledge effectively in real-world settings, contributing to live systems, technical support operations, and project delivery under workplace standards and deadlines. Strong foundation in full-stack development, machine learning, IT support, and system troubleshooting, with hands-on experience across Python, Java, C++, C#, JavaScript, HTML, CSS, and database technologies (MySQL, SQL Server). Demonstrates graduate-level professionalism, adaptability, and accountability, with the ability to collaborate within multidisciplinary teams or take initiative independently. Passionate about building scalable, impactful solutions, supported by strong analytical thinking, communication skills, and leadership potential.

OBJECTIVE

Seeking opportunities in Software Development, Networking, IT Support, Game Development, and Machine Learning, where I can leverage my technical skills and leadership abilities. Eager to contribute to a dynamic team, lead projects effectively, enhance business processes, and gain industry experience in a professional setting. Open to internships, Graduate programs, and full-time roles aligned with my expertise.

TECHNICAL SKILLS

- Programming Languages: Python, Java, C++, C#, JavaScript, HTML, CSS
- Game & Simulation Development: Unreal Engine, Unity, Blueprint Scripting
- 3D Design & Asset Creation: Blender (modeling, optimization, sound integration)
- Machine Learning & Data Science: Scikit-Learn, MATLAB, Pandas, NumPy, StreamLit
- Data Analytics & Business Intelligence: Power BI, Excel, Jupyter Notebook
- Databases: MySQL, SQL Server (basic knowledge)
- Software Development Methodologies: Agile, Waterfall
- Networking & IT Support: Packet Tracer, PC hardware knowledge
- Tools & Technologies: Microsoft Office 365, Ionic, Angular

EDUCATION

Mangosuthu University of Technology
- Diploma: Software Development
- Relevant Coursework: Software Development, Machine Learning, Data Analytics, Computer Networks

Drakensberg Secondary School (Matric, 2021)
- Subjects: English (HL), IsiZulu (FAL), Mathematical Literacy, Life Orientation, Life Sciences, History, Geography

EXPERIENCE & PROJECTS

Project Leader – Game Development & Simulation Projects

- Built Mobile responsive website link: https://www.tswoodmasters.co.za
- Served as Project Leader, coordinating team members, assigning tasks, and ensuring milestones were met on time.
- Led the design and development of 3D home environments using Unreal Engine and Unity.
- Facilitated team collaboration, resolving technical challenges and improving workflow efficiency by approximately 20%.
- Presented project progress and final outcomes clearly to peers and supervisors.
- Strengthened leadership, communication, planning, and decision-making skills in a technical environment.

Datathon Participation (Machine Learning & Data Analysis)

- Collaborated on a real-world data analysis project, building predictive models and generating insights.
- Developed machine learning models using Scikit-Learn & MATLAB for classification and forecasting.
- Created interactive dashboards with StreamLit to present data-driven insights.
- Improved teamwork, problem-solving, and time management skills by working under strict deadlines.

Networking & IT Support Projects

- Completed network simulation exercises in Packet Tracer, gaining knowledge in basic network configuration and troubleshooting.

- Hands-on experience with PC hardware components, system setup, and troubleshooting techniques.

CERTIFICATIONS

- Google Coursera Certificate: Technical Support Fundamentals
- Datathon Participation Certificate (Machine Learning & Data Analysis)
- Protech College Certification: Cashier/IOS

ADDITIONAL INFORMATION

Driver's License: Code EC with Professional Driving Permit (PDP)
Date of Issue: 05/07/2023
Expiration Date: 20/08/2025

References
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