NOMBULELO MARTHA OLIFANT

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🔗 *GitHub: https://github.com/MissOlifant* | 💼 *LinkedIn: https://www.linkedin.com/in/nombulelo-martha-olifant-846252251/*

PROFESSIONAL SUMMARY

Motivated and detail-oriented Information Technology graduate with hands-on experience in AI, cybersecurity, software development, testing, UX design, and IT auditing. Skilled in analyzing data, developing secure systems, and building innovative digital solutions. Passionate about leveraging technology to solve real-world problems through ethical and data-driven approaches.

EDUCATION

Advanced Diploma in Information Technology
2025 – Present | Vaal University of Technology, South Africa
Focus Areas: Cybersecurity, Artificial Intelligence, Statistic for IT, and IT Auditing.

Diploma in Information Technology
2022 – 2024 | Vaal University of Technology, South Africa
Focus Areas: Software Development, Web Development, System Software.
Final Year Project: AI Healthcare Assistant – Built a symptom analysis system to detect diseases, recommend medication, and store patient records.

National Senior Certificate
2021 | Lakeside Secondary School, South Africa
Obtained a bachelor pass with 3 distinctions.

TECHNICAL SKILLS

- Programming & Development: Python, Java, SQL, HTML, CSS, JavaScript, PHP, NetBeans, Visual Studio
- AI & Data: Machine Learning, Data Analysis, Data Visualization, Hugging Face, Power BI, Pandas, NumPy
- Cybersecurity: Network Security, Threat Analysis, Vulnerability Scanning, CCNA Fundamentals, ISC2 Concepts
- Testing: Manual & Automated Testing, Bug Tracking, Test Case Design, QA Documentation
- UX/UI Design: Prototyping, Wireframing, User Experience Research, Interface Design
- IT Auditing: Risk Management, Control Assessment, Audit Trail Analysis
- Tools: GitHub, Anaconda, Streamlit, VS Code, Canva, Figma, Excel
- Research & Statistics: Quantitative & Qualitative Methods, Data Interpretation, Report Writing

PROJECTS (on GitHub)

- AI Healthcare Assistant – Built an AI system for disease prediction using patient symptoms and datasets for diabetes, hypertension, and COVID-19.
- Online Store Website – Developed a full-stack e-commerce site using HTML, CSS, PHP, and MySQL.
- Gaulofusion Web App – Created a food and event ordering platform with chatbot integration and secure payment options.
- AI Resume Builder – Designed an intelligent resume generator with output optimization and export features.
- Sentiment Analysis Dashboard – Built with Power BI to classify public sentiment using NLP APIs.
- Bias Audit Report – Conducted fairness analysis using IBM AI Fairness 360 Toolkit.

GitHub: *https://github.com/MissOlifant*

CERTIFICATES

- CCNA: Introduction to Networks – Cisco Networking Academy
- System Software – Cisco Networking Academy
- IBM Data Science Badge – IBM SkillsBuild
- ISC2 Certified in Cybersecurity (Candidate)
- Google Responsible AI
- University of Toronto – Trustworthy AI
- Capaciti AI Skills Bootcamp Certificate
- AI Foundations & Python Development
- Peer Educator & Green Campus Leadership Certificate

EXPERIENCE

Capaciti AI Learner / Intern
2024 – 2025
• Participated in AI and Cybersecurity projects including Healthcare AI, Resume Builder, and Sentiment Analysis Dashboard.
• Learned desktop support, software installation, and troubleshooting.
• Joined a hackathon, collaborating on innovative tech solutions under tight deadlines.

Peer Educator – Green Campus Initiative
2023 – 2024
• Led awareness projects on sustainability and student well-being.

Promoter / Customer Relationship Management Assistant
2022
• Supported customer engagement and product awareness campaigns.
• Managed client feedback using CRM tools.

ACHIEVEMENTS & HIGHLIGHTS

- Successfully led and presented AI group projects under Capaciti Bootcamp.
- Consistently commended for strong teamwork, adaptability, and communication.
- Demonstrated ability to balance technical work and social leadership roles.
- Won third place at the Testing Hackathon with the project Testing Mind AI.

REFERENCES

Oarabile Mogase – Talent Coach at Capaciti

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