IAN MUGAMBI – CURRICULUM VITAE
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PROFESSIONAL SUMMARY

Multidisciplinary and results-driven Software Developer with 3+ years of experience across productivity tools, AI model training, and geospatial intelligence. Skilled in designing and deploying Microsoft Power Platform solutions, integrating automation with SharePoint, and building data-driven applications. Passionate about using technology to solve real-world problems in sectors such as sustainability, public service, education, and business operations. Proven ability to work in remote teams, drive innovation, and communicate technical solutions to non-technical stakeholders.

WORK EXPERIENCE

Power Platform Developer & Business Analyst
M365Connect – Remote | Jan 2025 – Apr 2025

- Built Power Apps to streamline onboarding and document management.

- Automated workflows using Power Automate and SharePoint integration.

- Developed dashboards in Power BI to track intern performance and feedback.

- Created user training manuals and led onboarding sessions.

AI Tutor & Trainer
Toloka / Mindrift – Remote | Sep 2023 – Jan 2024

- Trained AI systems for accuracy and contextual relevance.

- Delivered structured feedback to improve LLMs.

- Developed prompt engineering strategies for AI model fine-tuning.

Software Developer & GIS Specialist (Freelance)
Nairobi | Feb 2023 – Present

- Built a web app using Javascript, HTML5, Mapbox GL JS, and REST APIs.

- Developed "GeoPulse", a GIS-enabled app for mapping and distance measurement.

- Integrated real-time mapping APIs and created dynamic dashboards for conservation use.

Growth Operations Analyst
Invisible Technologies – Remote | Mar 2022 – Nov 2023

- Analyzed client data to improve team performance and strategy.

- Delivered reports using Excel and Google Sheets for decision-making.

Land Surveyor & Cartographer
Ministry of Lands – Nairobi | Mar 2020 – Mar 2022

- Created topographic maps using AutoCAD, ArcGIS, and GPS tools.

- Supported drone and LiDAR-based surveys for land planning.

PROJECTS

GeoPulse
Javascript, APIs, Power BI, GIS

- GeoPulse is a modern web application I developed for exploring geographic data with an interactive 3D map interface.

- This tool combines mapping capabilities with practical location utilities, offering users a comprehensive platform for geographic discovery and analysis.

Onboarding Copilot Bot
Power Apps, Power Automate, SharePoint

- Internal tool for digitizing HR processes.

- Included automated form handling and OneNote integration.

TECHNICAL SKILLS

Power Platform & Microsoft 365

- Power Apps, Power Automate, Power BI (Fabric), SharePoint, OneDrive, Teams

Web Development & Automation

- HTML, CSS, JavaScript, React.js, Flask, REST APIs

- GitHub, Azure DevOps

Geospatial & Mapping Tools

- ArcGIS, QGIS, AutoCAD, Google Earth Engine, GPS Integration

AI & Data

- Prompt Engineering, LLM Tuning, AI for Earth, Data Cleaning

Other Tools

- MS Excel (Advanced), OneNote Automation, PostgreSQL, Windows Server

EDUCATION

Software Engineering
Moringa School – Nairobi, Kenya | Graduated: Nov 2024

Associate Degree in Land Surveying & Cartography
Regional Centre Training Institute – Nairobi, Kenya | Graduated: Dec 2022

LANGUAGES

- English – Fluent

- Swahili – Fluent