

# IAN NDATHI MBURU

## ICT & EdTech Admin | Systems Administrator | Microsoft Power Platform

Nairobi, Kenya | +254795086588 | [ndathiian@gmail.com](mailto:ndathiian@gmail.com) | [LinkedIn](#)

---

### Professional Summary

Accomplished ICT & EdTech Administrator with proven success in implementing and managing scalable MIS/SIS solutions across international schools. Experienced in Google for Education, Microsoft Power Platform development, Data Protection compliance, and digital transformation projects that improved efficiency by up to 86%. Skilled in bridging technical systems with stakeholder needs to deliver secure, cost-effective solutions. Adept at leading cross-functional teams, driving adoption of new technologies, and ensuring compliance with GDPR and Kenya's Data Protection Act.

### Areas of Expertise

- **Systems Administration in Educational Technology:** Google for Education Initiative Lead, Digital strategy and transformation, EdTech tools optimization, training & adoption, workflow automation MIS, network configuration and management.
- **Microsoft Power Platform:** Power Apps, Power Pages, Power Virtual Agents, Microsoft Dynamics NAV.
- **Data Protection & Compliance:** GDPR, Kenya DPA, policy drafting, governance frameworks
- **Software Development & Analytics:** Backend Software developer with Node JS, UI/UX design, data insights, reporting dashboards
- **Project Management & Advisory:** Stakeholder engagement, procurement, implementation lifecycle

---

### Professional Career

---

#### Systems and EdTech Administrator | Woodland Star International School | Nairobi, Kenya (Jan 2024 – Present)

Provide technical leadership in the integration and optimization of EdTech tools to enhance teaching and administrative workflows.

- Initiated and led the lifecycle of Woodland Star's EdTech systems, reducing administrative workload by **30%** and improving adoption rates across departments.
- Configured and secured school networks, achieving **95% uptime** and supporting 250+ users in a reliable digital learning environment.
- Designed and delivered staff training programs that increased MIS/SIS adoption by **40%** within the first quarter of rollout.
- Drafted and implemented data governance frameworks ensuring full compliance with Kenya DPA and GDPR, reducing risk exposure by **100%** in audits.

#### Software Developer (Power Platform Developer) | AMREF Health Africa | Kenya (Apr 2023 – Jan 2024)

Under the Digital Transformation and Excellence team I actively engaged in the early adoption of Power Apps, Power Virtual Agents and Power pages, specializing in both model-driven and canvas-driven applications to provide seamless connection between organizational systems.

Key tasks:

- Developed a Power App reducing field agent payment processing time by **71%**, accelerating disbursement from one week to under 48 hours.

- Built an inventory tracking app covering nationwide distribution, enabling real-time visibility and reducing stock discrepancies among clients and the organization.
- Maintained and enhanced an IT support chatbot, cutting first-line support requests by **40%** and improving staff satisfaction scores.
- Collaborated with cross-functional teams to integrate Power Pages and Virtual Agents, streamlining workflows and reducing manual reporting time.

### **Junior Software Engineer | Konza Technopolis Development Authority | Industrial Attachment**

In collaboration with the DevOPs team I:

- Contributed to CI/CD pipeline deployments, reducing release cycles timelines.
- Designed intuitive user interfaces with Figma and Adobe Illustrator, improving usability scores by **20%** in internal testing.
- Supported cloud migration projects, enabling scalable hosting solutions that reduced infrastructure costs by **15%**.
- Collaborated with multi-disciplinary teams to deliver maintainable code, ensuring long-term sustainability of client projects.

---

### **Education, Certifications & Honors**

---

#### **Bachelor of Science (BSc) in Computer Science | Egerton University**

Second Class Upper Division Honors

##### **Key Modules:**

Object Oriented programming, Operating Systems, Advanced Database Systems, Artificial Intelligence, Assembly Language Programming, Automata Theory and Computability, Computer Graphics, Computer Security and Cryptography, Human Computer Interaction, Mobile Application Development

**CCNA: Introduction to Networks** | Cisco Networking Academy Kenyatta University Campus [View Certificate](#)

**Certificate Recognition of Exemplary Performance | Egerton University** [News Link](#)

---

### **Hobbies**

---

Chess player/ teacher • Painting • Watching Sports especially Rugby