



MUNENE DENIS

Electrical & Electronic Engineer | AI
& Data Science Specialist

CONTACT

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SKILLS

- Python
- JavaScript
- MongoDB
- Docker
- Machine Learning
- Data Analysis
- Backend Dev
- Circuit Design
- Entrepreneurship

CERTIFICATIONS

- KIEP SKIES - Data Science & AI

SUMMARY

Highly motivated Electrical and Electronic Engineer with expertise in AI, Data Science, and backend development. Proficient in Python, JavaScript, MongoDB, and Docker. Passionate about innovation, building scalable systems, and leveraging technology for real-world solutions. Experienced entrepreneur and community developer.

EXPERIENCE

BACKEND ENGINEER

Freelancer | Nairobi, Kenya | Jan 2023 - Present

- Developed scalable backend APIs (Python, FastAPI) and managed MongoDB databases.
- Implemented Docker for streamlined deployment.
- Collaborated with front-end teams for seamless integration.

SIGNAL PROCESSING INTERN

Kenya Broadcasting Corporation | Nairobi, Kenya | Jan 2024 - Dec 2024

- Assisted in signal system design and testing for clients.
- Conducted fault analysis and troubleshooting on signal processing systems.

EDUCATION

B.S.C. ELECTRICAL AND ELECTRONIC ENGINEERING

Jomo Kenyatta University of Agriculture and Technology | Juja, Kenya | 2017 - 2022

- Specialized in Digital Electronics and Control Engineering.

PROJECTS

LIQUOR STORE MANAGEMENT SYSTEM

- Developed full-featured inventory and sales management platform with analytics.
- Technologies: Python, FastAPI, MongoDB, HTML, CSS.

ELECTRONICS E-COMMERCE PLATFORM

- Built online shopping experience with payment and inventory management.
- Technologies: Python, FastAPI, MongoDB, HTML, CSS.

RETAIL SHOP MANAGEMENT SUITE

- Created comprehensive solution for retail operations (POS, inventory, sales forecasting).
- Technologies: Python, FastAPI, MongoDB, HTML, CSS.