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## PROFILE

Software Engineering student passionate about AI and cloud technologies with experience in application development, automation, and technical community leadership. Skilled in Python, AI frameworks, and project management with a proven track record of developing impactful applications and organizing technical events.

## EDUCATION

### Bachelor of Science in Software Engineering

Multimedia University of Kenya | Expected 2025

*Relevant Coursework: Object-Oriented Programming, Systems Programming, Artificial Intelligence, Data Structures & Algorithms*

### Software Engineering Certification (Major in AI for Software Development)

Power Learn Project | November 2024 – Present

## TECHNICAL CERTIFICATIONS

- Microsoft Azure AI Fundamentals | Microsoft
- IBM Artificial Intelligence Fundamentals | IBM Skillsbuild
- Oracle Cloud Infrastructure Foundations Associate | Oracle
- Data Protection Certificate | CIPIT, Strathmore University

## PROJECTS

Mindful Connect | [GitHub](#) | [Live Demo](#)

Developed an AI-powered mental health monitoring application using natural language processing and matches a user with therapists based on their preferences.

Mental Health Chatbot | [GitHub](#) | [Live Demo](#)

A conversational AI companion designed to provide mental health support by analyzing user inputs and offering emotional assistance. It leverages sentiment analysis to detect distress and suggests helpful resources or coping strategies.

Innovation Week Website – MMU | [GitHub](#) | [Live Demo](#)

Created a centralized web platform for MMU Innovation Week to consolidate event details and enabled easier access to schedules, speaker information, and announcements

Traffic Management System | [GitHub](#)

A web-based system aimed at optimizing traffic flow in urban areas. It utilizes real-time data analysis to predict congestion, manage road signals, and improve transportation efficiency.

Event Management System | [GitHub](#)

A platform that simplifies event planning by allowing users to schedule, manage, and track events. It features user registration, event invitations, and automated notifications

to enhance coordination.

#### To-Do List App | [GitHub](#)

A simple yet efficient task management app that helps users organize their daily activities. It includes features such as task categorization, due date reminders, and progress tracking.

## EXPERIENCE

### Business Application Developer | Nairobi City Water and Sewerage Company

May 2023 – August 2023

- Utilized ArcGIS software to monitor meter mapping across Nairobi and generate analytical reports
- Automated data summarization processes using Python, improving reporting efficiency by 40%

### Intern (Innovation Sector) | Nairobi City County

July 2024 – August 2024

- Contributed to civic technology innovation projects focused on urban service delivery
- Collaborated with cross-functional teams to identify process improvements and implement solutions

## LEADERSHIP & ACTIVITIES

### Co-Founder | Geek-ssters

- Led technical community growth initiatives reaching 500+ tech enthusiasts
- Organized 7+ technical webinars with average attendance of 90+ participants
- Developed and delivered training modules on creativity and soft skills for 30+ university students

### Web Master | IEEE Computer Society

September 2024 – Present

- Manage technical content and digital presence for engineering society chapter
- Design technical event promotional materials and coordinate online communications

**Awards:** IEEE Xtreme Programming Competition (2024) - Ranked 13th in Kenya, 1,350th globally