



TYLLEN AZIZ ALUGO

Information technology

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 08 Feb 2003 male Aziz Tyllen Kenyan tyllenaziz

PROFILE

Professional Summary A motivated and detail-oriented IT graduate with strong skills in software development, mobile applications, and system automation. Highly experienced in building real-world systems including POS systems, rental management apps, and AI-powered solutions. Skilled in React, React Native, Node.js, Python, and database management. Passionate about developing reliable, user-friendly systems and ready to contribute effectively in a professional IT environment.

EDUCATION

Mount Kenya University Bachelor of Science in Information Technology (Second Class Honours) 2022 – 2025 (Graduated in 2025)

- Gained solid expertise in network security, software development, system analysis, and database management.
- Developed proficiency in programming languages such as Python, Java, JavaScript, and C++.
- Hands-on experience with cybersecurity practices, cloud computing, and modern IT infrastructure.
- Strong foundation in database systems, system design, and the Microsoft Office Suite.

SKILLS

Programming Languages: JavaScript, Python, Java, C++, HTML, CSS

Mobile & Web Development: React, React Native (Expo), Node.js, Flask, Tailwind CSS

Networking & Security: Cybersecurity principles, network security, system analysis

Database Management: MySQL, PostgreSQL, Mongo DB

Software & Tools: Git, GitHub, VS Code, Microsoft Office Suite, cloud computing tools

Problem-Solving: Analytical thinking, debugging, troubleshooting IT issues

Communication & Teamwork: Excellent interpersonal skills, effective collaboration in team environments.

PROJECTS & PRACTICAL EXPERIENCE

Sangara Wholesalers Management System

- Built a full inventory and sales management system to streamline operations for Sangara Wholesalers.
- Implemented product tracking, stock updates, automated reporting, and secure user roles.
- Improved business efficiency by digitizing daily manual tasks.

Rental Management & Billing Application

- Developed a mobile & web system for landlords to manage tenants, update bills, and send automated reminders.
- Included tabs for pending bills, updated bills, and sent bills to simplify workflow.
- Enhanced accuracy and removed manual record keeping.

Smart Pest Management System (AI-Powered)

- Developed a mobile app that detects pests using an AI model built in PyTorch and OpenCV.
- Integrated a React Native frontend with a Flask backend deployed on Render.
- Helps farmers receive instant pest identification and treatment recommendations.

Student Management System

- Built a Python + MySQL system to manage student registration, records, and reports efficiently.

Cybersecurity Awareness Program

- Researched and analyzed common threats, vulnerabilities, and best preventive measures.

Simple Web Application

- Designed a responsive website using HTML, CSS, and JavaScript to enhance user experience and UI skills.

TECHNICAL STRENGTHS

- Full-stack development
- Mobile apps (React Native, Expo)
- API development
- UI/UX implementation
- Database design

PERSONAL ATTRIBUTES

- Detail-oriented and motivated to learn new technologies
- Strong analytical and problem-solving skills
- Adaptable and quick to learn in fast-paced environments
- Reliable, organized, and focused

HOBBIES

- Gaming
- Football
- Chess

REFERENCES

Tyrus Kirongo, IT specialist, Kiambu County Headquaters
tyruskirongo@gmail.com, 0793982097

Brian Paul, IT specialist, Kiambu county headquaters
manyabrianpaul@gmail.com, 0794779015

PROJECTS

2025 – 11/2025	<p>https://expo.dev/artifacts/eas/viLc1eUoWiQqBAmMd9YNGW.apk</p> <p>Rental Management & Billing App Mobile & Web Developer</p> <ul style="list-style-type: none">• Developed a full system that helps landlords manage tenants, update bills, send reminders, and track payments.• Included automated bill reminders, tenant profiles, and admin dashboards.• Built with React Native for mobile and Flask/Node backend for API services.• Added features like:• Bills updated by landlord• Reminder notifications• Tabs for pending, updated, and sent bills• Improved workflow by replacing manual record keeping with a fully digital system.
2025	<p>https://sangarawholesalers.vercel.app/#/dashboard</p> <p>A pos system</p> <ul style="list-style-type: none">• Designed and developed a complete inventory and sales management system for Sangara Wholesalers.• Implemented product tracking, stock updates, automated reports, and user-role management.• Built the backend using Node.js/Express (or your backend tech), with a responsive frontend using React.• Integrated secure authentication and real-time database updates.• Improved business operations by reducing manual work and increasing accuracy in sales records.
2025 – 09/2025	<p>GradePoa – Student Grading System</p> <p>GradePoa – Student Grading System Frontend & Backend Developer</p> <ul style="list-style-type: none">• Created a grading automation system for schools with secure login, student records, and grade reports.• Backend hosted on Render, frontend on Vercel for fast access.• Reduced manual grading errors by automating calculations and report generation.

LANGUAGES

English



Very fluent and eloquent in articulating words also speaks with confidence.

Kiswahili



Very fluent and eloquent

ACHIEVEMENTS

09/2025 – 11/2025

Nairobi

Achievements

- Developed and deployed 4 complete systems used in real environments.
- Built an AI pest detection app as part of final year project.
- Built a rental management app as a hobby just to improve my skills.
- Built a POS system to improve my skills.
- Create a students revision website for university students to improve learning.
- Successfully deployed 3 applications using Vercel, Expo, and Render.