**EDWIN MAINA**

[GitHub | Idumania378](https://github.com/Idumania378)

EDUCATION

**Daystar University** Athi River, Kenya

BSc. Applied Computer Science **Sep 2021- May 2025**

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SKILLS SUMMARY

* **Languages**: Python, Go, Flutter, Prolog
* **Frameworks**: Django, Flask, React, Spring Boot
* **Tools:** Git, Postman, Visual Studio Code
* **Platforms**: Google Cloud platform, Android, Windows
* **Soft skills**: Problem-solving, Team work, Time management, Communication, Adaptability

WORK EXPERIENCE

**Junior Backend Developer|** **Inalipa Platform – Remote**   **May 2024 – Sept 2024**

* Built and maintained backend systems for an e-commerce platform using Python and Django.
* Designed efficient database schemas, reducing data retrieval times by 20%.
* Conducted thorough testing and debugging, achieving 99% error-free deployment.
* Documented APIs and provided technical support for frontend teams.

PROJECTS

**Environmental Monitoring App |**

Developed a mobile application to monitor environmental parameters, including air quality, temperature, and humidity.

Integrated Firebase for cloud storage and Python for backend data processing, achieving 95% uptime for data accuracy.

**Smart Inventory Management System |**

Built an inventory management web application to automate stock monitoring and reduce manual errors by 30%.

Leveraged Django and MySQL for a scalable backend, enabling real-time tracking of product availability.

CERTIFCATES

**Full-Stack Web Development (Udemy)**

* Learned front-end and back-end development using HTML, CSS, JavaScript, and Node.js.
* Developed and deployed dynamic web applications with React and RESTful APIs.

**Android Development with Kotlin (Google)**

* Acquired skills to build modern Android applications using Kotlin and Jetpack libraries.
* Implemented UI/UX design principles and optimized application performance.

**Git and GitHub Version Control (Coursera)**

* Mastered version control systems using Git for tracking changes in software projects.