IAN NGESA

0794843866 | theengesa@gmail.com | https://www.linkedin.com/in/ianngesa/ | https://ngesadev.me/

EDUCATION

GOMYCODE – Nairobi, Kenya   **May 2024 – December 2024**
Software Development
- Focused on full-stack development using the MERN stack (MongoDB, Express, React, Node.js).
- Developed strong skills in building scalable web applications, RESTful APIs, and database design.
- Participated in code reviews, contributing to the development of high-quality, error-free code for collaborative projects.

KCA University – Nairobi, Kenya   **January 2021 – November 2024**
Bachelor of Science in Information Technology
- Learned core concepts in networking, software development, and database management.
- Gained experience in system analysis, data structures and cybersecurity.

WORK EXPERIENCE

Information Technology Intern   **May 2024 - August 2024**
Kenya National Bureau of Statistics – Nairobi, Kenya
- Configured 2,000 tablets for the School Census to improve data collection efficiency for the GDP calculation project.
- Resolved hardware and software issues for 50+ desktops, reducing downtime by 30%.
- Collected and analyzed household economic data, contributing to the national GDP calculation.

PROJECTS

Eventlify *Website*   **NextJS** | **NodeJS** | **Express** | **MongoDB**
- Built a full-stack web app that allows users to browse event listings, access event memories and filter by genre.
- Implemented payment gateway using Daraja API to allow real-time ticket payments via Mpesa gateway.
- Integrated vendor listing allowing users to get a glimpse of vendors going to be available at the events.

Cashwrap   **React** | **NodeJS** | **Express** | **MongoDB**
- Developed a finance tracker to help users monitor expenses and savings with real-time updates.
- Implemented CRUD operations for budget categories and expense records.
- Created an interactive dashboard with visual progress indicators for financial goals.

Motorhub   **React** | **Javascript**
- Designed a car listing platform that enables users to search, and filter car listings.
- Enhanced the search experience by implementing custom filters for make, and model.

SKILLS

Languages: Javascript, TypeScript, CSS, SQL
Developer Tools: Git, Github, Postman, ThunderClient, MongoDB
Libraries / Frameworks: React, Mongoose, NextJS, NodeJS, Express, Tailwind, Bootstrap, ShadcnUI

Certifications

Data Protection Certification – *Strathmore University, Nairobi, Kenya (2024)*
- Learned data privacy regulations and best practices for handling sensitive personal information, ensuring compliance with local and international data protection standards.

Postman Student Expert Certification – *Postman (2024)*
- Gained expertise in API testing and automation, covering concepts like building and testing APIs, creating mock servers, and using collections to streamline API workflows.