

# IAN NGESA

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## 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.