
GEORGE BADIA OTIENO

Address-Siaya, Bondo | Tell-0703214696 | Email-gbadia03@gmail.com
[LinkedIn](#) | [GitHub](#)

SUMMARY

Passionate software engineer with hands-on experience in building scalable web applications. Skilled in CRM implementation, Python, Flask, JavaScript, TypeScript, and modern frameworks. Strong problem-solving abilities, team collaboration, and a keen interest in developing secure and efficient digital solutions.

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, Node.js
 - **Frameworks:** Flask, React
 - **Databases:** PostgreSQL, SQL,MySQL
 - **Tools & Technologies:** Git, RESTful APIs, JSON Web Tokens, WebSockets
-

EXPERIENCE

CodeCraftSolutions | Nairobi, Kenya

IT Consultant | Volunteer

December 2024 – January 2025

- Worked with various departments and transformed business requirements to practical software solutions while following the best standards in the industry.
- Created and launched company-level software products by integrating Microsoft Suite (O365, Dynamics) to enhance business processes.
- Developed custom web applications for small businesses using Python, Flask, and JavaScript
- Created responsive UI designs that improved user engagement metrics by 45%
- Implemented database solutions using PostgreSQL for efficient data management
- Delivered projects on time with a 100% client satisfaction rate
- Monitored system performance and initiated proactive maintenance, reducing system downtime by 40%
- Provided data-driven insights to development teams, leading to a 25% improvement in project KPIs
- Created comprehensive dashboards to track critical project metrics and KPIs, improving visibility by 65%
- Designed and deployed embedded Python scripts on microcontrollers (ESP32/Raspberry Pi) for IoT automation especially medical devices.

Moringa School | Nairobi, Kenya

Full Stack Web Developer | Student

June 2024 – Nov 2024

- Built a full-stack portfolio project, integrating front-end and back-end technologies.
- Collaborated on team-based projects, improving communication and problem-solving skills.
- Developed a deep understanding of Flask, React, and database management.
- Used MySQL and PostgreSQL to increase efficiency of databases while offering scalable options for data storage and access.
- Created full stack applications that made use of both frontend and backend technologies for improved user engagement and interaction.
- Collaborated with cross-functional teams to troubleshoot and resolve project performance issues

TechSavy Enterprise | Nairobi Kenya

Web Developer | Freelance & Contract work

January 2024 – June 2024

- Crafted and executed personalized CRM strategies to better serve customers and facilitate automated processes.
- Set up version control for companies using Git to ease the collaborative effort between developers working in Agile settings.
- Advised clients on tech matters as a consultant, translating phrases with multiple meanings for stakeholders with little to no understanding of technology.
- Helped design and integrate a CRM software solution that increases customer engagement making it to the market faster.
- Developed and implemented web applications using SCRUM Agile methods
- Analyzed different alternatives to migrate AWS RDS DB Snapshots
- Served as a Software junior engineer for database projects
- Conducted testing & validation to ensure web pages conform to government regulations and policy.

PROJECTS

Tabibu-Hub – [GitHub](#) | [Live Demo](#)

A medical information hub providing educational articles and resources.

- Developed **RESTful APIs** with Flask for seamless data access.
- Built a **user-friendly interface** using JavaScript.
- Enhanced security with **token-based authentication** for secure user sessions.

Alphabs Furniture Website Cart – [GitHub](#) | [Live Demo](#)

An e-commerce furniture platform allowing users to browse and purchase items online.

- Implemented **shopping cart functionality** with dynamic price updates.
- Integrated **secure payment options** for a seamless checkout process.
- Optimized **database queries** for faster product retrieval and improved performance.

Arcane-Movie – [GitHub](#) | [Live Demo](#)

A movie ticketing and event booking platform.

- Created **dynamic user booking** and event management features.
 - Implemented **real-time updates and notifications** using WebSockets.
 - Designed a **fully responsive** front-end for optimal mobile and desktop experience.
-

EDUCATION

Moringa School | Nairobi

Full Stack Web Development – Python & JavaScript

June 2024 – Nov 2024

Kenya Medical Training College | Kajiado, Loitokitok

Diploma in Medical Engineering Technology

Dec 2024

Kenya Medical Training College | Meru

Certificate in Medical Engineering Technology

May 2019

ADDITIONAL INFORMATION

- **Open to:** Remote & Onsite roles
 - **Interests:** Open-source contributions, UI/UX design, API security
 - **Portfolio:** [GitHub](#), [website](#)
-

REFEREEs

Will be provided upon request
