Martin **Mutwiri Gachanja**

FULL STACK SOFTWARE DEVELOPER

Nairobi, Kenya

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I am a passionate web developer with a focus on full-stack development using the MERN stack (MongoDB, Express, React, Node.js). My journey began with hands-on learning and project-based practice, where I built applications that strengthened my problem-solving, debugging, and collaboration skills. Today, I enjoy designing and developing clean, scalable, and user-centered applications that solve real-world challenges. Looking ahead, I am eager to continue growing as a versatile developer, contribute to impactful projects, and collaborate with teams to deliver innovative digital solutions that create meaningful value.

Experience

Full Stack Developer
Remote

FREELANCE
Jan 2024 –> Present

- Developed full-stack web applications using MERN stack and Django, delivering scalable solutions on time.
- Designed and implemented RESTful APIs, ensuring secure and efficient data exchange between front-end and back-end systems.
- Optimized application performance and scalability, reducing load times and improving user experience.
- Collaborated with clients and cross-functional teams to gather requirements, translate them into technical solutions, and maintain project alignment.

Customer Service Specialist
Nairobi, Kenya

CCI-KE
Sep 2023 –> Present

- Managed high volumes of customer inquiries, delivering timely and effective resolutions to enhance client satisfaction.
- Provided technical support and troubleshooting for diverse issues, improving system reliability and user experience.
- Collaborated with cross-functional technical teams to diagnose and resolve complex problems efficiently.
- Documented recurring issues and recommended process improvements, contributing to operational efficiency and knowledge management.

Education

Jomo Kenyatta University of Agriculture and Technology
Nairobi, Kenya

BSc IN BUSINESS INNOVATION AND TECHNOLOGY MANAGEMENT
Sep 2020 –> Jun 2026

- Focused on the intersection of business strategy and technology, driving innovation in business operations.
- Completed comprehensive coursework in project management, data analysis, and IT integration, gaining practical skills to implement technology-driven business solutions.
- Engaged in projects applying business innovation principles to real-world challenges, fostering analytical and problem-solving abilities.

Power Learn Project
Online

SOFTWARE DEVELOPMENT
Feb 2025 –> Jul 2025

- Acquired foundational software development skills, including programming principles and development best practices.
- Gained hands-on experience in building, testing, and deploying web applications.
- Specialized in MERN stack development, designing full-stack applications with MongoDB, Express, React, and Node.js.
- Applied problem-solving and debugging techniques to deliver efficient and maintainable code.

eMobilis
Online

WEB DEVELOPMENT
Aug 2024 –> Dec 2024

- Gained comprehensive understanding of web development using Python and Django framework.
- Designed and implemented dynamic web applications with clean, maintainable code.
- Developed hands-on projects that emphasized backend logic, database integration, and user interface design.
- Applied best practices in testing, debugging, and deploying web applications to enhance functionality and reliability.

ALX
Online

SOFTWARE ENGINEERING
Jan 2023 –> Aug 2023

- Built a strong foundation in software engineering principles, including software development lifecycle, system architecture, and design patterns.
- Gained hands-on experience with Ubuntu/Linux, learning command-line operations, system management, and software deployment workflows.
- Developed analytical and problem-solving skills through engineering-focused exercises, emphasizing modular and maintainable code.
- Learned best practices in version control, debugging, and testing to ensure robust and efficient software solutions.

Skills

Frontend Development

Proficient in React, Tailwind CSS, ShadCN/UI, and Framer Motion for building responsive and interactive web applications

Backend Development

Experienced with Node.js, Express, Django, and RESTful API design for scalable server-side solutions

Database Management

Skilled in MongoDB and SQL for data modeling, query optimization, and ensuring data integrity

DevOps & Tools

Proficient in Git, GitHub and version control workflows for collaborative software development

Professional Skills

Strong problem-solving, debugging, and agile teamwork abilities for effective project delivery

Projects

Finance Tracker   *GitHub*

Personal Project   *2025*

- Developed a full-stack MERN application for personal budgeting, including expense tracking, dashboards, and reporting features

Cake Selling Website   *PLP project*

School Project   *2024*

- Built a fully functional web application for selling cakes online, implementing responsive UI, shopping cart, and order management system

Football Team Management System   *GitHub*

School Project   *2024*

- Designed and implemented a comprehensive web system for managing football team operations, including player profiles, match scheduling, and statistics tracking

Certifications

Web Development   *eMobilis*

Full Stack Web Development Certificate   *2024*

- Completed a comprehensive full-stack program covering HTML, CSS, JavaScript, Python (Django), and database integration for building dynamic web applications