

NORMAN MWAGI

Software Developer

normannyareru@gmail.com • LinkedIn/Portfolio • Nairobi, Kenya

Summary

Results-driven Software Developer with experience in designing, developing, and deploying applications and AI-driven solutions. Adept at full-stack development, AI model integration, and process automation, with a strong background in Python, ASP.NET Core, Web APIs, and Javascript. Passionate about creating scalable, high-performing applications to optimize business operations.

Key Achievements

Optimized Internal Workflows

Increased workflow efficiency by 30% using ASP.NET.

Enhanced System Automation

Implemented 5 automated systems, reducing manual efforts by 40%.

Visitor Access Application

Streamlined visitor access process, decreasing processing time by 50%.

Improved Data Visualization

Developed 10+ data dashboards leading to a 25% increase in decision-making speed.

Experience

United Nations

Nairobi, Kenya

Software Developer Intern

11/2024 - 05/2025

- Designed and developed enterprise-level web applications using ASP.NET Core and Web APIs to streamline internal workflows and enhance productivity
- Developed a Visitor Booking Application that streamlined the process of managing and granting visitor access to the UN Complex in Gigiri
- Created and deployed AI-powered agents using Microsoft Copilot Studio and Azure AI Foundry, leveraging OpenAI's ChatGPT and Python libraries to automate business processes
- Implemented automated workflows with Microsoft Power Automate to integrate various systems and reduce manual efforts
- Developed data visualization dashboards using Power BI and Qlik, enabling stakeholders to make data-driven decisions
- Optimized SQL Server database structures to improve application performance and scalability

Hostafrika

Nairobi, Kenya

IT Support Intern

06/2024 - 10/2024

- Managed web hosting environments using cPanel, WHM, and DirectAdmin to enhance website security and performance
- Provided technical support to clients, troubleshooting issues related to domain management, email configurations, and server maintenance
- Administered Linux-based servers, ensuring smooth and efficient system operations

Smartcode Technologies

Nairobi, Kenya

Junior Software Developer

06/2023 - 02/2024

- Developed robust web applications using C# and ASP.NET Core, implementing authentication, authorization, and CRUD operations
- Designed scalable .NET microservices using Docker and Kubernetes, integrating databases via Entity Framework Core and Dapper ORM
- Created frontend interfaces using React, consuming ASP.NET Core Web APIs with Axios and Fetch API
- Led the development of an eHealth system for doctor appointments and a complaint management system for judicial case tracking

Smartcode Technologies

Nairobi, Kenya

Software Developer Intern

01/2022 - 05/2022

- Built dynamic web applications using ASP.NET Core and C#, ensuring high performance and maintainability
- Designed and optimized SQL Server databases for efficient data management
- Developed microservices architecture utilizing .NET Core, Docker, and Kubernetes
- Created interactive front-end features using JavaScript, jQuery, and AJAX

Skills

Ajax • ASP.NET • ASP.NET Core • Axios • Azure • C# • CPanel • CSS • Django • Docker • AWS • Git • HTML • JavaScript • jQuery • Kubernetes • Linux • Microsoft Power BI • PostgreSQL • Power Apps • Python • Qlik • React • REST • SQL • NET Core • Microservices • NET • Gmail

Education

Chuka University	Location
Bachelor of Science in Computer Science	2019 - 2023

Languages

English	Native	●●●●●	Spanish	Advanced	●●●●●	Swahili	Native	●●●●●
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