

Clement Omolayo

SOFTWARE DEVELOPER

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Professional Summary

Highly skilled Software Developer with over 10 years of experience specializing in .NET technologies, including .NET 8, ASP.NET MVC, and C#. Proven expertise in developing scalable web applications, enhancing operational efficiency, and leading cross-functional teams. Adept at utilizing modern frameworks and cloud solutions such as Azure, Entity Framework, and Microservices to deliver high-quality projects within budget and deadlines. Committed to continuous learning and adapting to cutting-edge technologies.

Personal Details

Driver's License: None

Eligible to work in the UK: Yes

Highest Level of Education: Master's

Industry: Accounting, Administrative Assistance, Education & Instruction, Healthcare, Human Resources, IT Operations & Helpdesk, Information Design & Documentation, Library, Management, Media & Communications, Medical Information, Project Management, Software Development, Technology

Total years of experience: 10

Work Experience

Federal College of Education-Oyo | Principal Software Developer

Oct 2021 – Dec 2022

- Championed the deployment of innovative tech solutions, increasing operational efficiency by 30% and reducing system downtime by 25%.
- Directed a team of 8 in creating advanced student application portals using .NET Core and Entity Framework, enhancing application processing speed by 40% and user satisfaction by 25%.
- Integrated third-party Payment APIs, improving system interoperability and reducing transaction processing time by 20%.

Federal College of Education-Oyo | Senior Software Developer

Oct 2018 – Sep 2021

- Engineered a staff management system and student portal using ASP.NET MVC, Entity Framework, and RESTful API, improving operational efficiency by 40%.
- Resolved critical production incidents as a technical lead, ensuring 99.9% system uptime and enhancing system reliability.
- Developed full-stack solutions using ASP.NET MVC, Entity Framework, and MSSQL on Azure, reducing development time by 30%.

Federal College of Education-Oyo | Software Developer

Mar 2012 – Sep 2018

- Designed, coded, tested, and debugged web applications using .NET technologies, contributing to a 50% increase in application reliability.
- Conducted code reviews, improving code quality by 15%.
- Optimized database schemas, enhancing data retrieval speed by 20%.

Mostop-Abuja | Junior Software Developer

Jan 2010 – Feb 2012

- Executed routine software testing and debugging, maintaining high code quality and optimal performance, leading to a 10% decrease in software defects.
- Collaborated with the front-end team to integrate HTML, CSS, and JavaScript, enhancing user experience and site responsiveness by 25%.
- Assisted in database schema design, optimizing data storage and retrieval, improving database performance by 15%.

Education

Master of Science in Computer Science

Birmingham City University, Birmingham

January 2023 - January 2024

Bachelor's Degree in Computer Science

Ladoke Akintola University of Technology, Ogbomoso

January 2004 - December 2009

Skills & abilities

- **Programming Languages:** C# (10+ years), C (2 years), C++ (2 years), Java (2 years), Python (2 years), VB.NET (4 years)
- **Web Development:** HTML5 (5 years), CSS (7 years), JavaScript (5 years), TypeScript (2 years), Angular (2 years), jQuery, Bootstrap (5 years), ASP, XML (5 years), JSON (5 years)
- **Frameworks & Libraries:** .NET (10 years), ASP.NET (8 years), ASP.NET Core (4 years), .NET 8 (1 year), Entity Framework (4 years), Dapper (4 years), Django (1 year), Flask (1 year), Restful APIs (4 years), Web API (4 years), Microservices (3 years), Ionic Framework (2 years)
- **Databases:** SQL (8 years), Microsoft SQL Server (8 years), SQL Server Management Studio (6 years), MySQL (6 years), MongoDB (2 years), T-SQL (4 years)
- **Cloud & DevOps:** Azure (2 years), Docker (1 year), GitHub (4 years), Git (2 years)
- **Testing:** NUnit (3 years), xUnit (4 years), Postman (3 years)
- **Project Management & Tools:** Jira (1 year), Slack (1 year)

Languages

- **English – Fluent**
- **Russia – Beginner**

Awards

Python Essentials 2

<https://www.credly.com/badges/dc8661d5-f23a-4571-9e2a-c6c6d5d12e77/>

Jan 2023

Python Essentials 1

<https://www.credly.com/badges/67ee6658-65fc-40f8-bfa5-a1551ee1bfc2/>

Jan 2023

Publications

Adaptation of Global Positioning System (GPS) in Nigerian Language for Orientation and Mobility of Students with Visual Impairment

<https://www.rehabilitationjournals.com/special-education-journal/article/67/3-2-8-811.pdf>

December 2023

This research presents the development and assessment of a ground-breaking assistive device – the Smart Walking Stick - with the integration of Global Positioning System (GPS) technology and voice guidance capabilities.

Nigerian accent-based text-to-speech program for visually impaired learners

<https://www.rehabilitationjournals.com/special-education-journal/article/62/3-2-6-357.pdf>

September 2023

This research addresses the limitations of existing Text-To-Speech (TTS) programs in accommodating the linguistic diversity within the Yoruba, Hausa, and Igbo accents, prevalent in Nigeria.

Interests and Extracurricular Activities

- **Open-Source Contributions:** Actively contribute to GitHub projects to enhance skills and stay updated with industry trends.
- **Fitness and Well-being:** Maintain a healthy work-life balance through activities such as running and playing football recreationally.
- **Reading:** Enjoy reading books on technology, self-improvement, and history, fostering continuous learning and personal development.

Additional Information

- **Website:** <https://clementomolayo.runasp.net/>
- **LinkedIn:** <https://www.linkedin.com/in/clement-omolayo-48a83475/>
- **GitHub:** <https://github.com/technoclem>
- **Willing to relocate:** Anywhere