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CORE QUALIFICATIONS

PROGRAMMING LANGUAGES:

C# (10 Years),
C (2 Years),
C++ (2 Years),
Java (2 Years),
Pascal (4 Years),
Python (3 Years),
VB.Net (2 Years)

FRONT-END TECHNOLOGIES:

HTML (8 Years),
CSS (6 Years),
HTML5 (6 Years),
Bootstrap (6 Years),
JavaScript (6 Years),
Typescript (2 Years),
jQuery (6 Years)

FRAMEWORKS:

.Net 8 (75%),
.Net Core (4 Years),
ASP.Net (8 Years),
Django (1 Year),
Flask (1 Year),
Angular (2 Years),
Ionic (2 Years)

CLOUD TECHNOLOGIES, VERSION CONTROL & CONTAINERIZATION:

Azure (2 Years),
Git (2 Years),
Docker (2 Years)

DATABASE & PROJECT MANAGEMENT:

SQL (10 Years),
Microsoft SQL Server (10 Years),
MySQL (5 Years),
MongoDB (3 Years),
Entity Framework (4 Years),
Jira (1 Year),
Slack (1 Year),
Dapper (3 Years)

CLEMENT OMOLAYO

SOFTWARE DEVELOPER

ABOUT

I am a committed and proficient .NET Software Developer with an extensive background in both practical experience and academic achievements. Over the course of 10 years, I have amassed valuable work experience across diverse industries, fostering a deep understanding of real-world technology applications. My expertise lies in cutting-edge technology, application development, and adept database design. I am eager to leverage my skills as a .NET developer to create impactful solutions for any organisation. Colleagues and supervisors consistently recognise me for my unwavering work ethic, and I am dedicated to delivering valuable contributions that align with the organisation's objectives. With a strong foundation of knowledge and a proven track record, I am well-prepared to excel in advancing the team's mission.

EDUCATION

COMPUTER SCIENCE AND ENGINEERING (B.TECH)

January 2004 – December 2009

Ladoke Akintola University of Technology, Ogbomoso, Oyo State, Nigeria

MSC COMPUTER SCIENCE

January 2023 – January 2024

Birmingham City University, Birmingham, United Kingdom

RELEVANT COURSE WORK

-Advanced Web Development	-Software Engineering and Analysis
-Cloud Computing and Virtualization	-Distributed Systems and Microservices
-Advanced Database Design & Development	-Artificial Intelligence Fundamentals

PROFESSIONAL EXPERIENCE

PRINCIPAL SOFTWARE DEVELOPER

Oct 2021 – Dec 2022

Federal College of Education (special), Oyo, Oyo State, Nigeria

Led a team in systems analysis and programming, overseeing the comprehensive development of sophisticated web applications using .NET Core, Entity Framework Core, Azure, and Docker. Collaborated with cross-functional teams, employed Git for version control, and engineered RESTful APIs for seamless integration with dynamic front-end applications.

SOFT SKILLS

COMMUNICATION:

Effective verbal and written communication

PROBLEM-SOLVING:

Analytical thinking and problem-solving skills

TEAM COLLABORATION:

Ability to work collaboratively in a team environment

TIME MANAGEMENT:

Efficiently manage time and prioritize tasks

CERTIFICATION & AWARD

Python Essentials 2 Award:

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

Python Essentials 1 Award:

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

SENIOR SOFTWARE DEVELOPER

Oct 2018 – Sep 2021

Federal College of Education (special), Oyo, Oyo State, Nigeria

Collaborated with cross-functional teams to code, design, and implement a staff management system. Gained extensive full-stack development expertise using Asp.Net MVC, Entity Framework, and MSSQL.

SOFTWARE DEVELOPER

Mar 2011 – Sep 2018

Federal College of Education (special), Oyo, Oyo State, Nigeria

Collaborated with senior developers to design, code, test, and debug web applications using .NET technologies, closely worked with the team to understand project requirements and translate them into technical solutions. Developed and maintained ASP.NET web APIs, participated in code reviews, provided constructive feedback, managed database and website programming tasks, troubleshooted and resolved software defects, contributed to the design and implementation of database schemas, and actively participated in daily stand-up meetings to provide progress updates and discuss roadblocks with the team.

JUNIOR SOFTWARE DEVELOPER

Jan 2011 – Feb 2012

Mostop Group, Abuja, Nigeria

Developed software applications using C# and .NET framework, contributed to integrating new systems with legacy software, conducted routine software testing and debugging, and collaborated with the front-end team to seamlessly integrate HTML, CSS, and JavaScript into the software applications.

PROJECTS

Student Portal

[nce.fcesoyo.edu.ng]

Developed a user-friendly online platform to enhance the academic experience for Federal College of Education (Special), Oyo NCE students, implementing secure user authentication, course enrollment, result checking, attendance management, and access to materials; created real-time discussion boards, streamlining assignment processes, and utilizing technologies like C#, Asp.net, SQL Server 2014, CSS, HTML5 and Javascript.

Electronic Result processing Platform

[eresult.fcesoyo.edu.ng]

Developed an e-Result platform to provide students with streamlined access to their academic results, enabling secure user authentication, real-time grade updates, and course information retrieval, while applying a stack of technologies including Asp.net, C#, REST API, HTML5, CSS and Javascript with the goal of achieving proficient data management and enhancing user experience.

Staff Portal

[\[staff.fcesoyo.edu.ng\]](http://staff.fcesoyo.edu.ng)

Designed a comprehensive staff portal, facilitating efficient communication and administrative tasks through features such as secure user authentication, centralized access to resources, simplified leave requests, printing of monthly pay slip and event scheduling, utilizing technologies comprises of Asp.net, C#, Web API, HTML5, CSS, and Javascript to ensure seamless functionality and data integrity.

Computer Based Test (CBT) Offline Application

Developed a computer-based testing system that modernized assessment processes, offering secure user authentication, intuitive test creation, automated grading, and real-time result generation, employing technologies including Asp.Net Core, REST API, HTML5, SQL Server 2017, Javascript, and CSS to ensure a robust and user-friendly testing environment.

Healthcare Management System

[\[smc.fcesoyo.edu.ng\]](http://smc.fcesoyo.edu.ng)

Contributed significantly to a cross-functional team in developing a comprehensive healthcare management system utilizing ASP.NET. Implemented advanced user authentication and leveraged Azure for seamless data storage and retrieval.

Food Delivery System (Msc Project)

[\[fastfood.comng.net\]](http://fastfood.comng.net)

Engineered a resilient food delivery system utilizing Asp.NET and Azure, transforming the dining experience for customers. Empowered secure transactions, tailored suggestions, and dynamic inventory control, elevating user satisfaction.

e-learning Portal

[\[elearning.fcesoyo.edu.ng\]](http://elearning.fcesoyo.edu.ng)

Played a pivotal role within a collaborative cross-functional team in the creation of an extensive online learning management system powered by PHP. Implemented advanced user authentication mechanisms and harnessed the capabilities of Azure to ensure the seamless storage and retrieval of educational content and user data.

TouchLife Humanitarian Foundation portal [www.touchlifeglobal.org]

Led the development of the TouchLife Humanitarian Foundation portal, establishing a digital hub for efficient communication and resource management. Employed technologies including Asp.net and SQL Server 2014 to create a responsive platform for donors, volunteers, and beneficiaries to access information, coordinate efforts, and contribute to the organization's mission.

IJOGSE Journal Website

[\[ijogse.fcesoyo.edu.ng\]](http://ijogse.fcesoyo.edu.ng)

Led the development of the International Journal of General Studies Education website, employing state-of-the-art technologies like Asp.Net Core, REST API, HTML5, SQL Server 2017, Javascript, and CSS to guarantee a resilient and user-friendly online platform.