

# Abayomi Omoshin Ernest

## Full Stack Engineer

Results-driven Senior .NET Engineer with over 6 years of experience designing, developing, and deploying secure, scalable, and high-performance applications using .NET 8, ASP.NET Core, and microservices architecture. Skilled in building APIs, optimizing database performance, and implementing cloud-native solutions on Azure. Adept at collaborating with cross-functional teams, ensuring code quality through reviews and testing, and delivering business-critical software solutions.

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STACK : C#, .NET FRAMEWORK, .NET CORE, REACT, JAVASCRIPT, TYPESCRIPT

### Projects

Name of Project	AXXESS - HOSPICE	(Dallas, United State of America)
Date	November 2022 - Till Date	
Role	C# .NET 8 DEVELOPER	
Description	<ul style="list-style-type: none"><li>Acted as Global Release Guardian, managing deployments from staging to production.</li><li>Designed, modified, and implemented technology solutions for clients.</li><li>Developed and maintained documentation related to software processes and systems, including requirements and design documentation.</li><li>Developed new features as assigned by the business, demonstrating a proactive approach to meet evolving project requirements and contribute to overall product enhancement.</li><li>Proficient in identifying and swiftly resolving bugs, ensuring the robustness and reliability of the application.</li><li>Conducted thorough code reviews for fellow developers, contributing to a collaborative and quality-focused development environment.</li></ul>	
Technologies and tools	<ul style="list-style-type: none"><li>C# (.NET FRAMEWORK) Backed by MYSQL</li><li>KIBANA, SENTRY (Logger and Monitoring tool), NLOG (Logger)</li><li>HANGFIRE (Cron Job)</li><li>TEAMCITY (Builds), OCTOPUS (Deployment)</li><li>JIRA (Project Management)</li><li>VISUAL STUDIO (Editor)</li><li>REDIS (Distributed Cache)</li><li>REACT JS</li></ul>	
Name of Project	Access Check Global	Lagos, Nigeria
Date	April 2025 - Till Date	
Role	C# .NET 8 DEVELOPER	
Description	<ul style="list-style-type: none"><li>Designed, developed, and maintained high-performance, scalable, and secure event management applications using .NET 8 and ASP.NET Core, powering features like QR code access and bulk WhatsApp messaging.</li><li>Implemented and consumed RESTful APIs and integrated with external services to support seamless guest communication and check-in experiences.</li><li>Wrote clean, maintainable, and well-documented code, ensuring long-term scalability for Access Check's event platform.</li><li>Collaborated with cross-functional teams (designers, product managers, business partners) to define, design, and deliver features for event planners and businesses.</li><li>Conducted code reviews to maintain high standards of code quality and adherence to best practices.</li><li>Researched and adopted the latest .NET technologies, cloud solutions (Azure), and performance optimization techniques to keep the platform competitive.</li></ul>	
Technologies and tools	<ul style="list-style-type: none"><li>C# (.NET 8) Backed by MYSQL</li><li>HANGFIRE (Cron Job)</li><li>Monsterasp.NET (Application Cloud Portal)</li><li>Redis (Message Broker), Serilog (Logger)</li><li>Git Action (Builds)</li><li>REDIS (Distributed Cache)</li></ul>	

<b>Name of Project</b>	<b>LIVE MONITORING APPLICATION</b>	<b>Lagos, Nigeria</b>
<b>Date</b>	<b>April 2021 - November 2024</b>	
<b>Role</b>	<b>C# .NET 8 DEVELOPER</b>	
<b>Description</b>	<ul style="list-style-type: none"> <li>Implement background tasks for the ETL process and handle the heavy job in the application.</li> <li>Developed efficient applications using the Microservices architecture.</li> <li>Developed new features as assigned by the business, demonstrating a proactive approach to meet evolving project requirements and contribute to overall product enhancement.</li> <li>Forecast data using the Arima time series model with 80% impact in the team reliability</li> <li>Worked with ADO.Net, Entity Framework for Object Relational Mapping (ORM) in .NET Framework and LINQ (LINQ to Object, LINQ to SQL).</li> </ul>	
<b>Technologies and tools</b>	<ul style="list-style-type: none"> <li>SERVICE BUS (Message Broker), SENTRY (Logger)</li> <li>Azure Devops (Builds),OCTOPUS (Deployment)</li> <li>APIs &amp; Web Services: RESTful APIs, SOAP, JSON, XML</li> <li>AZURE PORTAL (Application Cloud Portal)</li> <li>REACT JS</li> <li>HANGFIRE (Cron Job)</li> <li>JIRA (Project Management)</li> <li>REDIS (Distributed Cache)</li> <li>C# (.NET 8) Backed by PostgresqlSQL</li> </ul>	
<b>Name of Project</b>	<b>HERMES</b>	<b>Lagos, Nigeria</b>
<b>Date</b>	<b>February 2020 - November 2022</b>	
<b>Role</b>	<b>C# .NET DEVELOPER</b>	
<b>Description</b>	<ul style="list-style-type: none"> <li>Write efficient Stored Procedures in SQL Server for performing bulk insert (more than 10000+) and write operations.</li> <li>Optimization of SQL server query with 80% faster retrieval by indexing either by applying clustered or non-clustered index.</li> <li>Developed new features as assigned by the business, demonstrating a proactive approach to meet evolving project requirements and contribute to overall product enhancement.</li> <li>Involved in database design on SQL Server and development of different database objects containing functions, triggers, store procedures.</li> <li>Work with Azure Computer vision in extracting text from images (OCR) with an 80% increase in team revenue.</li> </ul>	
<b>Technologies and tools</b>	<ul style="list-style-type: none"> <li>C# (.NET 6) Backed by SQL Server</li> <li>JIRA (Project Management)</li> <li>REDIS (Distributed Cache)</li> <li>AZURE BLOB (Image conversion)</li> <li>Jenkins (Builds),OCTOPUS (Deployment)</li> <li>VISUAL STUDIO ( Editor)</li> <li>AZURE COMPUTER VISION (OCR)</li> </ul>	
<b>Name of Project</b>	<b>POWER TRACK</b>	<b>Lagos, Nigeria</b>
<b>Date</b>	<b>March 2019 - November 2022</b>	
<b>Role</b>	<b>C# .NET DEVELOPER</b>	
<b>Description</b>	<ul style="list-style-type: none"> <li>Implement background tasks for the ETL process and handle the heavy job in the application.</li> <li>Optimization of SQL server query with 80% faster retrieval by indexing either by applying clustered or non-clustered index.</li> <li>Developed new features as assigned by the business, demonstrating a proactive approach to meet evolving project requirements and contribute to overall product enhancement.</li> <li>Involved in database design on SQL Server and development of different database objects containing functions, triggers, store procedures.</li> <li>Worked with ADO.Net, Entity Framework for Object Relational Mapping (ORM) in .NET Framework and LINQ (LINQ to Object, LINQ to SQL).</li> </ul>	
<b>Technologies and tools</b>	<ul style="list-style-type: none"> <li>Jenkins (Builds),OCTOPUS (Deployment)</li> <li>VISUAL STUDIO ( Editor)</li> <li>ReactJS</li> <li>C# (.NET FRAMEWORK) Backed by SQL Server, Mongo DB, Elasticsearch</li> <li>JIRA (Project Management)</li> <li>REDIS (Distributed Cache)</li> <li>AWS (Application Cloud Portal)</li> </ul>	