

Folarin Taiwo M.

Senior Backend Engineer

SUMMARY

Back-end Software Engineer with over 5 years of experience in designing, building, and optimizing complex systems for multi-tenant SaaS platforms, government portals, and HR management applications. Demonstrated proficiency in C#, .NET Core, ASP.NET, and Entity Framework, with a solid grasp of microservices, RESTful API development, and DDD. Proven ability in leading technical teams and executing agile project delivery while maintaining a strong focus on database optimization and robust security protocols. Holds multiple Azure certifications and an education in Computer Science, underlining a deep technical background.

TECHNICAL SKILLS

Main Technical Skills	C/C++/C# (5 yr.), ASP.NET Core Framework (5 yr.), .NET Core (5 yr.), Entity Framework (5 yr.), RESTful API (5 yr.)
Programming Languages	VBA
.NET Platform	ASP.NET, ASP.NET Core Framework (5 yr.), Entity Framework (5 yr.), Identity Server, LINQ, .NET Core (5 yr.), VBA
C++ Libraries and Tools	C/C++/C# (5 yr.)
Security	AWS Security Groups
Databases & Management Systems / ORM	Firebase Realtime Database, MySQL, PostgreSQL
Amazon Web Services	AWS API Gateway, AWS IAM, AWS Security Groups
Azure Cloud Services	Azure App Services, Azure Cloud Functions, Azure VM
Google Cloud Platform	Firebase Realtime Database
Industry Domain Experience	Banking
SDK / API and Integrations	AWS API Gateway, OAuth, RESTful API (5 yr.)
Deployment, CI/CD & Administration	CD DevOps pipelines
Methodologies, Paradigms and Patterns	Clean Architecture, DRY, microservices architecture, Scrum, TDD
Version Control	Git, Github Actions
Message/Queue/Task Brokers	MQTT

Other Technical Skills	Content strategy, Data Encryption, Data Migration, log, Monitoring
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WORK EXPERIENCE

Senior Backend Engineer, Multi-tenant HCMS Platform

Duration: April 2024 - Present

Summary: Architected and deployed enterprise-grade multi-tenant HCMS platform serving 50+ organizations with 10,000+ active users, implementing modular payroll, recruitment, appraisal, and leave management systems that reduced HR processing time by 40%.

Responsibilities: Architecture, deployment, system implementation, and performance optimization.

Technologies: .NET Core, JWT, Role-Based Access Control, Redis, Azure DevOps

Senior Backend Engineer, JamBulletin, SidmachEmail

Duration: April 2024 - Present

Summary:

- Engineered secure email and bulletin systems with JWT authentication, role-based access control, and audit logging, achieving 99
- 9% uptime and zero security breaches across 6-month production period

Responsibilities: System engineering, security implementation, and uptime maintenance.

Technologies: JWT Authentication, Role-Based Access Control, Audit Logging

Senior Backend Engineer, Biometric Pension Verification Platform

Duration: April 2024 - Present

Summary:

- Optimized biometric pension verification platform handling 50,000+ monthly transactions by refactoring critical database queries and implementing Redis caching, reducing API response time from 3
- 2s to 800ms

Responsibilities: Database query optimization and caching implementation.
Technologies: Database Indexing, Redis Caching
Senior Backend Engineer(Contract), E-commerce Platform

Duration: June 2024 – September 2024

Summary: Designed and implemented complex 3-in-1 e-commerce platform supporting bulk purchasing, dynamic catering package builder, and custom event booking.

Responsibilities: Platform design and implementation, test coverage.

Technologies: Php, Laravel Framework

Senior Backend Engineer(Contract), Food Ordering Platform

Duration: January 2024 – April 2024

Summary: Enhanced high-traffic food ordering platform backend handling 5,000+ daily orders by optimizing REST APIs and restructured database indexes, achieving reduced response latencies.

Responsibilities: Backend enhancements, API optimization, database restructuring.

Technologies: RESTful APIs, Performance Monitoring

Backend Engineer, WAEC Human Resource Information System

Duration: December 2020 – April 2024

Summary: Developed and maintained WAEC Human Resource Information System serving 5,000+ employees across 15 regional offices, implementing payroll integration, and performance appraisal workflows.

Responsibilities: System development and maintenance, API migration.

Technologies: .NET Core 6, OpenAPI, Entity Framework Core

Backend Engineer, eStudy.ng EdTech Platform

Duration: December 2020 – April 2024

Summary:

- Built backend services for eStudy
- ng EdTech platform supporting 500,000+ concurrent learners with course management, assessment engine, and progress tracking



Responsibilities: Backend services development, system support.

Technologies: SQL Server, Redis, .NET

Backend Engineer, Novo Health Africa Management System

Duration: December 2020 – April 2024

Summary: Engineered Novo Health Africa's appointment booking and patient management system with secure health data handling, processing over 10,000 monthly patient records.

Responsibilities: System engineering, secure data handling.

Technologies: Compliance, Security Best Practices

Backend Developer Intern, Various Client-Facing Projects

DURATION: JANUARY 2020 – SEPTEMBER 2020

SUMMARY: GAINED PRACTICAL EXPERIENCE CONTRIBUTING TO PRODUCTION SYSTEMS INVOLVING COMPLEX DATABASE DESIGN, RESTFUL API INTEGRATION, AND SERVER-SIDE BUSINESS LOGIC IMPLEMENTATION.

RESPONSIBILITIES: BACKEND DEVELOPMENT, API AND DATABASE OPTIMIZATION.

**TECHNOLOGIES: ASP.NET CORE, SQL SERVER, RESTFUL APIS
EDUCATION**

- **BSc Computer Science**

Olabisi Onabanjo University | Ago-Iwoye, Ogun, Nigeria | Sept. 2019

Not provided

CERTIFICATION

- **Microsoft Certified: Azure Solutions Architect Expert**
- **Microsoft Certified: Azure Developer Associate**
- **Microsoft Certified: Azure Administrator Associate**
- **Microsoft Certified: Azure Fundamentals**
- **Foundational C# – FreeCodeCamp & Microsoft**
- **CPD Certified: Scrum Product Owner**
- **Google Analytics**
- **Fundamentals of Predictive Project Management – PMI Kickoff**

