

MUJEEB LAWAL

SOFTWARE ENGINEER

 LinkedIn |  Phone Number |  Email address

PROFESSIONAL SUMMARY

Software Engineer with over 4 years of experience architecting and scaling mission-critical, national-scale systems for government and enterprise sectors. Expert in system design and problem decomposition, with a proven track record of translating ambiguous business requirements into production-ready .NET solutions. Experienced in legacy modernization and building high-availability multi-tenant SaaS platforms supporting 500,000+ annual users. Adept at using AI-assisted development tools to accelerate delivery while maintaining rigorous standards for testing, observability, and code quality. Strong communicator capable of articulating technical trade-offs to both engineering teams and product stakeholders.

SKILLS

- **Languages & Frameworks:** #, .NET, ASP.NET Core, Entity Framework Core, Web API, REST, Unit Testing (TDD/BDD)
- **Architecture & Design:** System Design, Problem Decomposition, Clean Architecture, SOLID Principles, Microservices, Modular Monolith, Multi-Tenant SaaS, Event-Driven Systems
- **Data & Cloud:** SQL Server, Postgres, Redis, AWS (Cloud-native services), Azure, Docker
- **Tools & AI-Assisted Development:** GitHub Copilot, Cursor, Claude Code, Git, CI/CD Pipelines
- **Leadership & Operations:** Technical Leadership, Mentoring, Observability, Error Handling, Agile/Scrum, Code Reviews, Stakeholder Management

WORK EXPERIENCE

Sidmach Technologies

Software Engineer

01/2023 - Present

Lead backend engineer on enterprise and national-scale platforms. Architected backend systems and spearheaded service design and technical implementation.

NYSC SAED Portal - Government Empowerment & Management Platform

- Decomposed ambiguous registration requirements into a clear system design supporting 500,000+ annual users, ensuring production-grade stability and 99.9% availability during peak traffic.
- Architected event-driven components using RabbitMQ to ensure reliable asynchronous processing and system decoupling for high-volume national data.
- Optimized backend services and SQL queries to reduce latency, ensuring system responsiveness under heavy concurrent loads for sensitive public sector services.
- Implemented secure authentication frameworks using JWT and OAuth 2.0 standards to protect sensitive data for half a million citizens.

NIDAP – National Integrated Digital Agricultural Platform

*Partnered with the **Federal Ministry of Agriculture and Food Security and the FAO of the United Nations***

- Led backend architecture and service design for a national agricultural digitization platform in partnership with the UN FAO, translating vague business needs into a structured technical approach.
- Defined "what good looks like" for the codebase by establishing testing strategies and observability standards, mentoring junior engineers through constructive code reviews.

- Designed multi-role RBAC systems and data aggregation services to power analytics dashboards and policy insights for government stakeholders.
- Built advisory and climate integration services consuming Open-Meteo API to deliver real-time, location-based intelligence to farmers and policy makers.

HCMS – Human Capital Management System

- Designed a multi-tenant SaaS backend architecture with strict data isolation and security protocols to support diverse enterprise clients.
- Engineered complex payroll processing logic and configurable approval workflows using SOLID principles to ensure 100% financial accuracy and long-term maintainability.
- Developed a loan management module featuring amortization logic and seamless payroll integration for automated repayments.

Sidmach Technologies

Backend Developer Intern

07/2021 - 01/2022

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- Contributed to legacy modernization initiatives by identifying failure modes and refactoring services to improve modularity, maintainability, and overall performance.
 - Developed and optimized RESTful APIs using C# and .NET Core, improving system responsiveness and user experience across the product lifecycle.
 - Participated in the full SDLC within an Agile/Scrum framework, assisting in database migrations and cloud deployment projects utilizing Azure and SQL Server.

Adlag Hotels

IT Consultant

09/2021 - 07/2023

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- Spearheaded the modernization of legacy management software, managing the risks and stakeholder dynamics of replacing production systems while improving stability and feature delivery speed.
 - Implemented caching strategies and database optimizations to significantly improve system performance and operational readiness

SELECTED PROJECT

[ATS Breaker](#) | AI-Powered Career Optimization Platform

- Designed and launched an AI-driven platform using AI-assisted development tools (Copilot, Claude) to build complex data workflows for resume analysis.
- Built a multi-stage AI pipeline that performs gap analysis and identifies missing keywords, demonstrating proficiency in evaluating AI-generated outputs and data-driven feedback loops.
- Developed serverless deployment architecture to support hundreds of users with high availability and data security.

EDUCATION

Summit University, Nigeria

BSc Computer Science