Ahmad Abdulsalam

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SUMMARY

Experienced and results-driven Software Engineer with over 7 years in backend development, specializing in .NET, .NET Core, C#, AI-powered recommendation engine, and database solutions. Proven track record in building scalable APIs, microservices, and system integrations across diverse industries, including healthcare, fintech, and education. Strong collaborator with expertise in leading teams, optimizing workflows, and delivering high-quality software using Agile methodologies and CI/CD pipelines. Passionate about leveraging technology to drive efficiency, enhance user experiences, and ensure regulatory compliance. Currently seeking challenging opportunities to develop innovative backend solutions across diverse domains using cutting-edge technologies.

EMPLOYMENT HISTORY

SBSC, Lagos, Nigeria.   February 2024 – Present
Software Engineer (Hybrid)
- Led the implementation of software development practices, improving code quality, fostering collaboration among teams, and accelerating project delivery timelines.
- Designed backend systems for loan processing, credit evaluation, transaction management, ensuring efficiency and reliability. An AI-powered recommendation engine was implemented for tailored loan options, while SignalR enabled real-time notifications.
- Collaborated with credit bureaus on CRC integration, aligning technical solutions with business needs to enhance credit risk assessment and reporting.
- Partnered with cross-functional teams, including credit, product, and technology units, to drive the successful rollout of new features and optimize loan application workflows.
- Improved platform reliability and uptime by integrating advanced logging and monitoring tools for performance tracking and incident resolution.
- Streamlined development workflows, achieving a 30% boost in efficiency through the adoption of Agile methodologies and the implementation of CI/CD pipelines.

PAELYT SOLUTIONS, Lagos, Nigeria.   July 2023 – January 2024
Software Engineer (Remote)
- Spearheaded backend development for a BNPL (Buy-Now-Pay-Later) product using .NET Core and MSSQL, delivering robust and scalable consumer credit solutions.
- Led a team to adopt advanced development practices, enhancing code quality, fostering a culture of collaboration, and introducing innovative development practices, and accelerating project delivery.
- Architected backend systems supporting payment processing, credit evaluation, and transaction tracking.
- Collaborated with cross-functional teams in credit, product, and technology to align technical solutions with business objectives, driving the successful rollout of new services and features.
- Enhanced system reliability and uptime by integrating logging and reporting tools for performance monitoring.
- Streamlined development workflows, improving team efficiency by 30% through Agile methodologies and CI/CD pipelines.

IDH, Utrecht, Netherlands.   January 2023 - June 2023
Software Engineer (Remote)
- Developed the IDH MELTAv2 system to support KPI tracking and project monitoring across Africa.
- Engineered user management solutions and dynamic dashboards to streamline KPI generation, manage agricultural data, and provide actionable insights for improved stakeholder decision-making.
- Enhanced legacy code by applying modern design patterns, reducing bugs by 40%.
- Conducted code reviews, mentored junior developers, and actively participated in Agile ceremonies, contributing to an effective and collaborative development environment.
- Designed backend systems that supported a 50% growth in user base without compromising performance by contributing to the successful migration of legacy systems to modern architectures, improving maintainability and scalability.

SYSBEAMS LIMITED, Ogun, Nigeria.   November 2018 - November 2022
Software Engineer
- Designed and deployed an admissions module for Caleb University, automating processes such as document verification, status tracking, and fee payments.
- Developed RESTful APIs for integration with external systems and third-party services.
- Contributed to the development of a high-performing Engine Population Register.
- Maintained and optimized legacy fintech applications, enhancing system reliability and performance.
- Streamlined backend development using C# (.NET, .NET Core), Razor, JavaScript, MySQL, and MSSQL, delivering efficient and scalable solutions.

SKILLS

Technical Skills: .NET, .NET Core, ASP.NET, Entity Framework Core, C#, JavaScript, Razor,, PostgreSQL, MySQL, MSSQL, RESTful services, ETL processes, Docker, CI/CD pipelines, Logging & Reporting tools, design patterns, automated testing frameworks, microservices development, Agile methodologies, Scrum practices, HIPAA compliance, secure application design.
Soft Skills: Leadership and mentoring, Collaboration with cross-functional teams, Problem solving & debugging, Communication & documentation skills, Adaptability to new technologies and methodologies.

EDUCATION

FEDERAL UNIVERSITY OF KASHERE, Gombe State. Nigeria.   2016 - 2020
Bachelor of Science, Computer Science.

ACHIEVEMENTS

1st Runner-Up – Microsoft AI Skills Week Hackathon.   2025
Developed a real-time KYC risk assessment engine using Azure OpenAI, Semantic Kernel, and .NET

CERTIFICATIONS

- **Visual C# From Nothing to Everything- Udemy**   June 2023
- **Foundational C# with Microsoft - Microsoft**   October 2022
- **Google IT Support - Google**   December 2020
- **Neural Networks and Deep Learning - Coursera**   September 2020
- **IT Security: Defense against the digital dark arts - Google**   December 2020