

JAOHAR OSENI

Senior Full-Stack Software Engineer

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SUMMARY

Senior Full-Stack Software Engineer with experience architecting and delivering innovative, cloud-native, and scalable solutions. Demonstrated expertise in full-stack development, microservices architecture, and performance optimisation across web and mobile platforms.

Proven ability to lead cross-functional teams, mentor junior developers, and drive business growth through efficient technology solutions. Passionate about leveraging emerging technologies to solve complex challenges while ensuring continuous delivery of high-quality products.

EXPERIENCE

PROMMT – Senior Software Engineer – Dublin, Ireland

Nov 2024 – Present

- Architected PCI-compliant payment integrations to Payit and Barclays card and bank solutions, ensuring secure transaction processing for financial technology platforms
- Integrated AI agents into repetitive workflows, fully automating code testing and custom template generation

CATAPULT – Software Engineer – Dundalk, Ireland

Aug 2020 – Oct 2024

- Led the implementation of a subscription-based strategy, resulting in a 50% increase in customer retention and average contract value (ACV) within the first year.
- Designed a cloud-based SaaS solution for athlete performance analysis and game management, which led to a 40% improvement in system reliability and scalability.
- Developed a cutting-edge mobile app integrated with FIFA-approved GPS performance tracking devices, providing real-time player insights and training tips to significantly enhance athlete performance and coaching strategies.
- Created automated CI/CD pipelines with Jenkins, executed Docker and GitHub Actions to minimise manual intervention in deployment, enable rapid feature delivery, and reduce downtime.

SEAMFIX – Software Engineer – Lagos, Nigeria

Jan 2016 – Aug 2019

- Led the migration of a legacy monolithic application to a microservices architecture, improving system scalability, flexibility, and maintainability by over 40%.
- Led a cross-functional team of 8 engineers (Frontend, Backend, QA, DevOps) to successfully deliver a Progressive Web Application (PWA), mobile, tablet, and web KYC

registration module, significantly increasing user registration efficiency through self-capture and automated verification.

- Teamed up with key stakeholders to develop a carefully planned migration strategy, guaranteeing seamless business operations during the shift to microservices.
- Mentored junior developers and led internal knowledge-sharing sessions to foster team growth and improve coding standards.

APPZONE – Fintech System Integration Engineer – Lagos, Nigeria

May 2014 – Dec 2015

- Conducted PCI DSS-compliant test and live integration of BankOne’s card management and correspondent banking system, streamlining interbank transactions for microfinance institutions and commercial banks.
- Integrated core, internet, and mobile banking for instant ATM card issuance, enabling under-banked customers to access financial services, resulting in improved transaction times and customer satisfaction with average ratings of 4.5 stars.
- By offering critical issue resolution and vigilant system monitoring, we achieved a 30% surge in application usage while also slashing downtime.

SKILLS

Full-Stack Development: Java, Go, Python, JavaScript, TypeScript, PHP, C#

Web & Mobile Technologies: React, Angular, Spring Boot, Node.js, React Native, iOS

Cloud & DevOps: AWS, Docker, Kubernetes, Terraform, Jenkins, Ansible, Azure, Google Cloud

Architecture: Microservices, Design Patterns, Scalability, Maintainability

CI/CD Pipelines: Automated Blue-Green Deployments, Infrastructure-as-Code, Containerization, GitHub Actions

Leadership & Mentorship: Agile Team Leadership, Code Reviews, Knowledge Sharing

Performance Optimisation: Refactoring, Load Time Reduction, Database Optimisation

Agile Methodologies: Scrum, Sprint Planning, Cross-Functional Collaboration

EDUCATION

ATHLONE INSTITUTE OF TECHNOLOGY – MSc Software Engineering

Sep 2019 – Jun 2020

UNIVERSITY OF IBADAN – BSc Computer Science

Sep 2008 – Nov 2012

PROJECTS

Cloud Cost Optimisation

- I collaborated with the DevOps team to transition from on-prem to cloud-native solutions using AWS, resulting in a 40% reduction in infrastructure costs.

Database Optimization

- Recently, I designed a complex DB migration and versioning strategy for a Go-based project. This improved database communication efficiency and reduced overhead through ORM integration.

Performance Enhancements

- Refactored code to minimise unnecessary API calls and re-renders in a critical application, improving load times by 50% and enhancing the user experience.