

OGHALE ETOMU

Senior Software Engineer

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SUMMARY

A seasoned software engineer with 8+ years' experience developing/designing a wide variety of applications ranging from Banking, Insurance, Financial Technology, Real Estate and Logistics. Using systematic and methodological approach with primary use of architecture and design patterns valued for driving quality and consistency throughout all phases of software development projects in building world changing applications that are user-friendly, efficient, scalable and bug-free. Excited to bring strong leadership skills and technical proficiency to advance the mission of the company as a Senior Software Developer.

EXPERIENCE

Senior Software Engineer

JANA Corporation

11/2022 - Present Ontario, Canada

Technologies: C# • Azure (Azure Bus Services, Azure Functions) • MS SQL • Python

- Led initiative with team members to develop digital solutions using Agile methodologies, estimating, architecting, designing software solutions.
- Leverage expertise in backend technologies and JavaScript frameworks to design and implement end-to-end solutions.
- Increased application performance by 35% by refactoring existing .Net Core codebase and implementing performance monitoring.
- Improved application performance by 40% through optimization of database queries and code refactoring.
- Increased codebase maintainability by 20% by implementing automated unit tests, automated testing, and thorough code reviews.
- Lead complex troubleshooting and debugging efforts across multiple environments to identify and resolve performance bottlenecks, system failures, and other critical issues.
- Led strategic planning, requirements gathering and implementation of new features with focus on algorithms optimization, data science using agile scrum development methodologies.

Lead Software Engineer

Leatherback UK

02/2022 - 11/2022 England, United Kingdom

Technologies: C# • Azure (Azure DevOps, Azure Bus Services, Azure Functions, Azure SQL) • VueJS • Docker • Kubernetes • JavaScript • MS SQL • PostgreSQL • SignalR

- Integrated global payment API related service providers like Clear bank, Currency cloud, Stripe, MasterCard, Plaid and Providus, providing multi-currency accounts for payouts, collections, funding and exchange.
- Designed and developed a payment-as-a-service infrastructure, serving over 100 internal and external clients.
- Built a multi-tenant settlement engine that processes customer cash settlement across various time zones.
- Led Epics to deliver sub products and initiatives end to end using the agile development framework.
- Architect and design microservices-based solutions that promote scalability, flexibility, and reusability of components.

Lead Software Engineer/Software Architect

PayPecker

07/2021 - 02/2022 Lagos, Nigeria

Technologies: C# • SQL • AWS • Git • JavaScript • Blazor • Kubernetes • Docker

- Facilitated average 68% increased efficiency on corrective actions for all managed projects according to the plan developed.
- Enforced quality assurance by championing periodic code review sessions thereby reducing bug fixes by 20%.
- Implemented a Multi-Processor/Multi-Flow Payment Service which processes merchant payments through third party Payment Service integrations that resulted in a 10% reduction in transaction failure by allowing a dynamic and configurable payment processor.
- Provided support to 3rd party vendors who utilized our services by integrating their countries' payment systems, and other requirements.
- Ensured 100% code coverage through unit test and integration tests for all critical use cases.
- Reviewed and revised software designs to ensure technical compliance and propose architectural improvements.
- Develop, deploy, and maintain microservices using containerization technologies such as Docker and orchestration platforms like Kubernetes.

SKILLS

Languages

C#	JavaScript	Typescript	Python
HTML	CSS		

Databases

MS SQL	MySQL	PostgresSQL
MongoDB	Redis	Azure Cosmos DB
Azure Table		

Framework

.Net/.Net Core	Blazor	Bootstrap
Tailwind	VueJs	

DevOps

Kubernetes(Bare Metal/AKS/EKS)		Docker
Github Actions	Terraform	ArgoCD
Azure DevOps		

Tools

Azure App Service	Azure Pipelines
Azure Functions	

Cloud Technologies

Azure Cloud	AWS	GCP
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KEY ACHIEVEMENTS

GitOps Implementation

Directed the migration of the organization's infrastructure and deployment processes to a fully GitOps-enabled environment.

Employed Terraform for infrastructure as code, GitHub Actions for continuous integration and continuous deployment (CI/CD), and Argo CD for application deployment and synchronization.

Achieved a 40% reduction in deployment times, enhancing operational efficiency.

Fostered better collaboration across development and operations teams.

Ensured more consistent and reproducible environments, facilitating faster delivery of features and improvements.

EXPERIENCE

Senior Software Engineer (Team Lead)

[Access Bank Plc](#)

📅 08/2018 - 07/2021 📍 Lagos, Nigeria

Technologies: C# • SQL • Azure (Bot Framework, App Service, VM) • Git • JavaScript • Angular • RabbitMQ • Redis • MongoDB

- Developed Tamara, the bank's artificial intelligent chatbot using Microsoft Azure technologies/cloud infrastructure (Azure Bot Framework, App Service and Azure VM) which reduced customer-human agent interaction by 200%.
- Supported the Access-Diamond bank merger by developing Integration API – a .Net MVC APIs for Payment Processing; rebuilt Tamada – an enhanced AI chatbot using Google GCP services.
- Strengthened partnership with Telecom Operator by building an API gateway for improved USSD (Unstructured Supplementary Service Data) Banking Services that lead to a 40% failure rate reduction.
- Worked in the implementation a multi-channel Payment system used to process direct merchant payment transactions.
- Implemented a location-based (front-end and backend) search functionality allowing over 1 million users to search for Branch/ATM, place of interest based on the distance from their current location using the longitude/latitude data provided by the geo-names data feed and the geography data type.
- Enhanced the product with innovative ideas which led to a 30% increase in user satisfaction.
- Boosted application uptime to 99.9% by implementing robust monitoring and alerting mechanisms.

Software Developer

[Parkway Project LTD](#)

📅 03/2017 - 05/2018 📍 Lagos, Nigeria

Technologies: C# • SQL • Git • JavaScript • .NET/.NET Web forms

- Refined technical support for payment collection platform (BankCollect) used by various top tier financial institution.
- Successfully designed and built plugins for payment platform; Bank3D (<https://bank3d.ng>).
- Drove collaboration and team-wide communication by leading and moderating weekly review meetings.
- Used Scrum Agile Methodology at work involving daily scrum meetings, planning pokers, sprint backlog, 1on1 meetings.

KEY ACHIEVEMENTS

Payment Settlement Engine

Developed an engine to facilitate, process, and settle financial transactions between parties, such as individuals, businesses, or financial institutions across various timezones.

Improve customer experience by providing dynamic settlement scheduling.

USSD Payment Channel

Worked with other engineers in the migration of a critical financial service which processes the most financial transactions in the bank.

Improve system reliability and efficiency using event based architecture

Leveraged on Redis caching system to improve system reliability resulting in 10% increase in transaction success rate

Omni-Commerce Infrastructure

Contributed as a lead engineer for the design/development of an omni-commerce project with over 30 inventory locations

EDUCATION

High School Diploma: Computer Science

[British Computer Society](#)

📅 2020

- British Computer Society, UKBCS Level 4 Certificate in IT.

Bachelor's degree: Network Computing

[University of Sunderland](#)

📅 2013

- Software Development/Design
- Web Development
- Data Algorithm
- Networks and Telecommunications

CERTIFICATIONS

[Certified ScrumMaster](#)

SCRUM ALLIANCE - 2024

[BCS Level 4 Certificate in IT](#)

British Computer Society - 2020

[IBM Enterprise Design Thinking Practitioner](#)

IBM - 2020