AHIRA ADEFOKUN

LEAD SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Software Engineer with over 6 years of experience engineering resilient and performant software systems at scale. Highly skilled in system architecture and design, creative problem solving, and building maintainable software systems.

PROFESSIONAL EXPERIENCE

Lead Software Engineer, *Kuda* | Lagos, Nigeria   February 2025 – Present
- Took charge of unit test coverage and automated api documentation for the team's services.
  Skills: C#, .NET, Azure, Docker, Azure DevOps, Redis, Kubernetes, Kafka, RabbitMQ, SQL Server, Git

Senior Software Engineer, *Kuda* | Lagos, Nigeria   December 2023 – February 2025
- Instituted and led formal engineering design sessions for the core banking team.
- Designed and implemented a queue integration library on top of Kafka and RabbitMQ.
- Worked on the backend of the revamped overdraft product.
- Led the design and implementation of a new authorization and approval flow for core banking, improving the experience and confidence of internal customers.
  Skills: C#, .NET, Azure, Docker, Azure DevOps, Redis, Kubernetes, Kafka, RabbitMQ, SQL Server, Git

Software Engineer, *Moniepoint* | Lagos, Nigeria   July 2021 – December 2023
- Built a credit check microservice for in-house use and user facing products in Java.
- Designed and implemented a distributed lock library on top of Redis.
- Worked on a commissions payout microservice for loan agents in Java.
- Worked on the backend for an enterprise business loans product in Java, serving thousands of businesses
- Worked on the Unity SDK for the Monnify payment gateway in C#.
  Skills: Java, Spring Boot, GCP, Terraform, Docker, Redis, Kubernetes, Kafka, MySQL, PostgreSQL, Git

Software Engineer, *Accelerex* | Lagos, Nigeria   August 2020 – July 2021
- Built a document generating service for in-house use and user facing products in C# deployed to AWS.
- Worked on and maintained the backend for a retail and inventory management product for small and medium merchants in C# deployed to AWS.
- Built the backend for a store front extension to the retail product in C# deployed to AWS.
  Skills: C#, .NET, AWS, ECS, SQS, SNS, Docker, MySQL, Git

Software Team Lead (Contract), *HazonTech* | Lagos, Nigeria   September 2020 – December 2020
- Built the multiplayer server functionality for a virtual reality conferencing application in Python and C#.
- Led a team of 4 to build a virtual reality conferencing application in Unity, C# and Blender.
  Skills: Python, Django, C#, Unity, .NET, PostgreSQL, Git

Software Engineer, *StanLab* | Lagos, Nigeria   May 2019 – August 2020
- Built the StanLab native desktop application with WPF.NET Core and C# and deployed for the Windows operating system.
- Built the StanLab backend service in Python and Django and deployed to DigitalOcean.
- Ensured 90% test coverage of the backend service.
- Led a team of 3 to build the core virtual laboratory product in Unity and C#.
- Set up CI/CD pipelines for all the company's repositories.
- Managed operations for the backend service.
  Skills: Python, Django, C#, .NET, Unity, PostgreSQL, Gitlab CI, Git

TECHNICAL SKILLS

Java	C#	Python	Ruby	Node.js	JavaScript
Kotlin	.NET	Django	Rails	Express.js	TypeScript
Spring Boot	Unity	FastAPI		NestJS	JQuery
MySQL	Git	CI/CD	GitHub Actions	Kafka	AWS
PostgreSQL	Docker	Terraform	GitLab CI	RabbitMQ	Google Cloud
SQL Server	Kubernetes	Azure DevOps	Jenkins	Redis	Azure

EDUCATION

University of Ibadan, Ibadan

Bachelor of Science, Computer Science   2015 – 2018
- Scholar — 2016/2017 NNPC/Chevron Nigeria Limited JV, National University Scholarship Awards