

ZAFRULLAH IDRIS



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Lagos | Nigeria

EDUCATION

UNIVERSITY OF LAGOS

Bsc in Electrical/Electronics Eng.

LAGOS, NG

DEC 2024 - AUG 2027

SCHOOL OF FOUNDATION STUDIES UNIVERSITY OF LAGOS

Diploma Degree

Relevant Coursework | • Mathematics • Physics • Chemistry

Total Points | 11 out of 16

LAGOS, NG

SEP 2023 - AUG 2024

CODE LEARNERS HUB

Non-Degree

Relevant Coursework | • C# • .Net • .Net Core • API • DBMS • DevOps • Cloud Compute • Version Control

ABEOKUTA, NG

JAN 2021 – DEC 2021

PROFESSIONAL EXPERIENCE

STERLING BANK

SOFTWARE DEVELOPER

LAGOS, NG

JUN 2024 – PRESENT

- Managed and processed large datasets in the core banking system, ensuring data accuracy and integrity through efficient extraction and reconciliation.
- Reduced database insert time by implementing bulk insert techniques, successfully migrating over 500,000 efficiently.
- Developed a secure authentication system by integrating VPN access with Active Directory (AD) using the LDAP communication protocol, enhancing security and user verification.
- Implemented comprehensive logging mechanisms for database records, actively monitored logged data, and resolved critical issues to ensure system stability.
- Participated in stand-ups, promoting clear communication and collaboration with the team to successfully deliver a robust system.

SYSBEAMS

SOFTWARE ENGINEER

LAGOS, NG

FEB 2022 – SEP 2023

- Developed an API gateway using the Ocelot library, leveraging the reverse proxy pattern for efficient routing within a micro-service architecture.
- Implemented indexing, caching strategies, and load balancing techniques, optimizing performance and significantly reducing server load.
- Served as a sub-team lead, managing tasks and contributing to the successful delivery of assigned task reducing product delivery time by two weeks.
- Demonstrated strong communication and presentation skills during stand-ups and sprint reviews, supporting Agile Scrum practices effectively.

CODE LEARNERS HUB

JUNIOR SOFTWARE ENGINEER / ASSISTANT INSTRUCTOR

LAGOS, NG

JUN 2022 – APR 2023

- Optimized algorithms and actively contributed to team collaborations, enhancing software performance.
- Earned recognition for the best solo project presentation, leading to a promotion as an Assistant Instructor.
- Assisted .NET enthusiasts in mastering programming fundamentals and the .NET framework.

SKILLS

Back End Development | • .NET Core • ASP .NET • C# • Spring • Java

Front End Development | • Blazor • React JS • Xamarin • Bootstrap • Flutter • HTML CSS

Database Management | • MySql • MSSQL • Azure cosmos • SQLite • MongoDB • PostgreSQL

DevOps | • Docker • Git • GitHub Actions • Azure • CI/CD

Tools | • Visual Studio 2022 • Visual Studio Code • Rider • IntelliJ

COURSES

- Holberton School ALX SE Africa

JAN 2022 - FEB 2023

CERTIFICATIONS

- Software Engineer Certification, Code Learners Hub
- C# Certification, HackerRank
- Software Engineer Certification, HackerRank
- Foundational C# Certification, Microsoft
- Top 8 Devsprint2.0 Certification

PROJECTS

E-BANKING SETTLEMENT SOFTWARE

JUN 2024

- Implemented bulk insert techniques to reduce database insert time and enhance overall system performance, efficiently migrating over 500,000 records from an existing database using the EF BulkExtension to accelerate the migration process.
- Developed and implemented a secure authentication and authorization mechanism using a one-token login design to enhance system security and user management.
- Designed user authentication by integrating Active Directory through the LDAP communication protocol to securely handle user requests.
- Optimized data workflows using the EPPlus library for efficient CSV file extraction and creation.

CBT EXAMINATION PREPARATION SOFTWARE

JAN 2024

- Built a modular monolith application using the Clean Architecture Pattern with CQRS in a Domain-Driven Design (DDD) approach for a maintainable, scalable and structured architecture.
- Integrated Minimal API to streamline API development and enhance performance.
- Developed a monthly background task using the Hangfire library to fetch questions and send reminders, promoting consistent user engagement.
- Implemented a robust logging system with Azure Blob Storage and Seq for effective monitoring and debugging during development.
- Designed and implemented secure authentication and authorization using JWT and OAuth 2.0, ensuring robust user validation and security.
- Containerized the project with Docker, enabling consistent deployment and ease of shipping across environments.

QURANIC READING AND AUDIO MOBILE SOFTWARE

SEP 2023

- Applied the MVVM pattern for efficient UI data binding and separation of logic from presentation layers.
- Integrated an audio player with media controls using the .NET MAUI Community Toolkit, enhancing the app's multimedia functionality.
- Seamlessly incorporated Font Awesome libraries to enrich button icons, improving the application's overall user interface and visual appeal.