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# ZAFRULLAH IDRIS

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## Lagos | Nigeria

## EDUCATION

**UNIVERSITY OF LAGOS**              **LAGOS, NG**
*Bachelor of Science (BSc)*          *SEP 2023 – SEP 2027*

**CODE LEARNERS HUB**              **ABEOKUTA, NG**
*Diploma in Full Stack Software Engineering*       *JAN 2021 – DEC 2021*
*Relevant Coursework:* .Net, .Net Core, C#, DBMS, DevOps, Cloud Compute, Version Control

## PROFESSIONAL EXPERIENCE

**SYSBEAMS**              **LAGOS, NG**
*FULLSTACK DEVELOPER ASSOCIATE*       *NOV 2022 – SEP 2023*

- Engineered efficient back-end solutions in C# .NET, slashing response times significantly. Employed Big-O notation to analyse algorithm efficiency, addressing performance bottlenecks and enhancing system responsiveness.
- Revamped database queries for massive datasets and fine-tuned data processing algorithms. Leveraged indexing and caching strategies for optimal performance, leading to reduced server load and substantial system response enhancements.
- Showcased proficiency in Visual Studio, Docker, and Git commands for seamless application development and deployment, facilitating smooth collaboration within teams.
- Exhibited strong communication and presentation abilities during stand-ups and sprint reviews in Agile Scrum methodology.

**SYSBEAMS**              **ABEOKUTA, NG**
*DOTNET ENGINEER INTERN*         *MAR 2022 – NOV 2022*

As an intern at Sysbeams, I collaborated closely with senior developers to build, deploy, and maintain .NET applications. I actively contributed to the development of two key applications.

- Spearheaded my team with the optimization of the registration process for thousands of people, implementing a one-time click registration feature. Leveraged an existing database and API to streamline user registration for events.
- Played a key role in building and debugging the client-side of an activity report management application using the Blazor framework,
- Achieved well structured pagination functionality for a list of report types, enhancing the accessibility, user experience and organization of monthly activity reports.

## SKILLS

- Back-end (.NET, C#)
- Front-end (Blazor, React, Xamarin, Bootstrap/CSS)
- Database Management System (Sql, MySql, SqlServer, SQLite)
- DevOps (Docker, Git, GitHub Actions)
- Tools (Visual Studio 2022, VS Code)

## PROJECTS

**QURAN APPLICATION @PERSONAL**         *JAN 2024 – PRESENT*

- Developed a comprehensive .NET MAUI mobile application for detailed access to the Holy Quran, both Arabic text and their translations as well as audio recitations utilizing the MediaElement from the community toolkit.
- Efficiently integrated Font Awesome libraries for button image icons, enhancing the app's interface.
- Implemented the Model-View-ViewModel (MVVM) pattern for efficient UI data binding, clear separation of logic and presentation,
- Integrated real-time API fetching for Quranic chapters and verse translations.
- Applied Clean Architecture for scalable, maintainable, and testable application structure, separating UI, business logic, and data access layers.
- Link (**https://github.com/ZafrullahId/Quran**)

**REPORT MANAGEMENT SYSTEM @*SYSBEAMS***       *JUN 2023 – AUG 2023*

- I Played a key role in implementing client-side CRUD operations of the application using the Blazor framework.
- Achieved well structured pagination functionality for a list of report types, enhancing the accessibility and organization of monthly activity reports

**SCHOOL PORTAL @SYSBEAMS**         *SEP 2023 – PRESENT*

- I Implemented secure authentication and authorization using JWT on both server and client sides, ensuring robust user validation and contributing to the overall security of the application.
- Adhered to Clean Architecture design pattern and principles such as SOLID, KISS, and YAGNI for clean, streamlined and maintainable software design
- I successfully integrated the sendinblue library and twilo library for the use case of mail and sms notifications to the users of the application.
- I successfully implemented a seamless and efficient **download-as-PDF** feature on the server side, enhancing the user experience by providing a convenient way for users to generate and download to PDF documents within the Application.
- Link (**https://github.com/ZafrullahId/SMSApp/tree/dev**)

**INVENTORY MANAGEMENT SOFTWARE @PERSONAL**     *SEP 2022 – FEB 2023*

- I implemented a chat feature where mangers can communicate effectively eliminating the use of other platform for communication
- I made use of PayStack payment gateway for easy payment flow as customers checkout purchased products
- I made use of JWT for secure, authenticated and authorized access.
- I employed a JavaScript framework (react) to enhance the efficiency of interfacing with and retrieving data from my API endpoints.
- Github link server side - (**https://github.com/ZafrullahId/CLH_Final_Project_Batch10.git**)

## CERTIFICATIONS

- Certified at Code Learners Hub as a **FULLSTACK DOTNET ENGINEER**
- Obtained Hackerrank Certification on **C#**