Toyin M. Muhammed

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SUMMARY

I'm a dedicated Software Developer with expertise in backend development, cloud solutions, and real-time web applications. Skilled in Software development (full stack development), cloud infrastructures (Azure, AWS) and databases (both SQL and non-SQL) with hands-on experience in building efficient and scalable systems. I am passionate about solving complex problems, optimizing code, and delivering impactful software solutions.

🔧 SKILLS AND CORE COMPETENCIES

Technologies: NodeJS | NestJS | .NET | SpringBoot

Databases: MongoDB | SQL Server | MySQL | PostgreSQL

Languages: Javascript | Typescript | C# | Python | Java | SQL

Cloud: Azure (Blob storage, Service bus) | AWS (SES, Lamba, SQS, Event Bridge)

OS/Tools: Linux (Ubuntu)| Windows | Git| Github | VSCode | Postman| Visual Studio | Azure Data Studio | Docker

Soft Skills: Teamwork | Critical Thinking | Communication | Problem Solving | System Design

💼 WORK EXPERIENCE

Revent Technologies | Lagos, Nigeria— Fullstack *Engineer*   *2023 – Present*

+ Designed and delivered innovative solutions across FinTech, file management, automation, and workflow tools—achieving improvements like 50% faster transactions and 40% reduced manual effort.
+ Built a cloud-based file management system (similar to Google Drive) that enhanced file organization and increased upload speeds by 25%.
+ Collaborated cross-functionally with developers, designers, analysts, and stakeholders to deliver user-focused applications with measurable performance gains.
+ Applied SOLID principles to ensure scalable, maintainable, and modular code architecture across all projects.
+ Wrote comprehensive unit and integration tests using Moq, xUnit, and NUnit to ensure application reliability and security.
+ Managed microservice communications using Azure, integrated third-party APIs, and led the deployment of an AI-powered service utilizing in-house LLMs for optimized prompting.

  - Technologies: Nodejs, Typescript, C#, Asp.net, Python, MSSQL, Azure Service Bus, RabbitMQ, Azure Blob Storage

- Collaborated with the Database Administrator to design efficient and scalable database schemas for web applications.

- Architected and implemented RESTful API endpoints optimized for smooth frontend integration.
- Created and maintained clear API documentation, integrated third-party APIs, and ensured reliable deployment environments.
- Partnered with the CTO to define and design system architecture and overall technical workflows.
- Wrote and executed test cases using Jest to ensure the accuracy, security, and reliability of inventory-related and core application operations.
- Ensured consistent backend-to-frontend communication and streamlined system performance across the development lifecycle.

- Technology: Javascript, TypeScript, NodeJS, MySQL, Prisma, NextJs, TRPC, Docker, AWS(S3, SQS, Lambda, SES, Event bridge, SNS)

EDUCATION

International University of Africa   **Khartoum**
B.Sc. Computer Science   *Graduation Date: February 2023*

- Relevant Coursework: Mathematics and Logic, Data Structures and Analysis of Algorithms, Artificial Intelligence, Object Oriented Programming, Project management, Principle of Compilers, Data Analysis, Digital Systems, Networks

- Activities: Participated and won a hackathon; Co-authored a research paper on Genetic Algorithms

CERTIFICATIONS:

- Microsoft Azure Developer Associate

- Backend Development and APIs - FreeCodeCamp

- Intro to Machine Learning - Kaggle

PROJECTS

- **Attendance Management System(**AMS - Class App)
  - Github Repo: Class APP for the attendance management system
- **OrganizeIt – A flexible file organizer(**Chocolatey Software | OrganizeIt 1.0.0)

  - Github Repo: GitHub - Toyin5/OrganizeIt: A flexible file organizer