Chibueze Chukwuka

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SUMMARY

I am an accomplished Software Engineer with more than **3 years** of experience, possessing advanced expertise in developing scalable web APIs and applications. My strong understanding of data structures enables me to build optimal solutions using technologies such as **C/.NET, Azure, and more**. I am a certified **Kubernetes and Cloud Native Associate** and I am familiar with various software architectures, including **MVC, Clean, and N-Tier** architectures.

SKILLS SUMMARY

- **Languages**   Angular, JavaScript, TypeScript, C#/.NET, Java.
- **Design**   SOLID principles, Repository pattern, Mediator pattern(CQRS)
- **Databases**   PostgresDB, SQL Server, MongoDB.
- **Cloud Skills**   AWS, Terraform, Azure.
- **Soft Skills**   Team-collaboration, Effective communication, Technical Writing, Time Management.

WORK EXPERIENCE & SOME PROJECTS

- **MaxFront Technologies (MaxFront)**   Full-time
  Angular, TypeScript and C#/.NET   (Licensing & Permit Portal)   *April 2024 – Present*

  - *Developed and integrated real-time email and in-app notification systems, improving user communication efficiency by 80%.*
  - *Led implementation of end-to-end application workflows, streamlining business processes across multiple modules.*
  - *Converted UI/UX designs into responsive Angular components, boosting frontend development speed and user experience by 90%.*
  - *Optimized backend APIs and queries, resulting in an 80% increase in performance and reduced response time.*
  - *Built multi-tenant architecture to support business-specific features, enhancing modularity and increasing operational efficiency by 90%.*
  - *Created complete CRUD operations integrated into the Angular frontend, achieving full-stack software implementation.*
  - *Applied the CQRS (Command Query Responsibility Segregation) design pattern to API architecture, improving maintainability and system efficiency by 90%.*
  - *Designed and implemented licensing and mandate generation using Mustache templates for dynamic document rendering.*
  - *Debugged and improved complex Angular/TypeScript and C#/.NET codebases, increasing system reliability and efficiency by 85%.*

- **Tenece Professional Services   (Tenece)**   contract
  Angular, TypeScript and C#/.NET developer   *Nov 2022 - June 2023*

  - *Worked within Agile frameworks to consistently meet project timelines and deliverable objectives.*
  - *Managed a process of re-engineering the project to improve and consolidate end-to-end service processes; restructured communication flow among three group members; and sped up the process by 75%.*
  - *Analyzed different applications with C#/.Net. I worked extensively with tools like SQL Server Management Studio, SQL Server, and Visual Studio.*
  - *Helped team members (software engineers) understand and also fixed bugs in our apps and cut down software failures by 99%.*
  - *Implemented C#/.NET applications using EFcore, ADO.NET, and implemented SOLID principles which reduced up to 98% of code repetitions for my team.*
  - *Contributed to code reviews, debugging, and optimization.*

  - **Time-Tracking API for Employee Management (Github)**
    - *Designed and built an employee management solution that enabled the client to handle employee clocks-in and clocks-out, task scheduling for the day, get summary of daily tasks, stops or pause tasks in progress or change to a different state such as(NotStarted, InProgress, Paused, Completed, TimeElapsedAdStillPending) and import pending tasks helping the client improve employee efficiency by 20%.*

- - - * Designed and utilized the repository design pattern and N-tier architecture improving efficiency and decoupling by 60%.

  - ○ **E-commerce API System** (Github)
    - * Designed and built an e-commerce API solution with C#/.NET with features like Authentication, paginations of products, and improved efficiency by 15%.
    - * Designed and utilized repository and specification design patterns with clean architecture. Utilized Redis server instead of the SQL Server for persisting items added by the user in the basket thereby making the code more elegant and improving efficiency by 25%.

  - ○ **Auth API** (Github)
    - * Designed and implemented an authentication solution with roles and claims, emailing with Google SMTP server and improving efficiency by 15%.
    - * Designed and utilized MVC architecture showing knowledge of SOLID principles and improving loose coupling by 20%.

- **Genesys Tech Hub**   *(Genesys)*   Internship
  C#/.NET developer   *Nov 2022 - June 2023*
  - ○ *Participated in stand-ups, sprint planning, and retrospectives to drive smooth project execution. Also, wrote several technical articles and code documentation improving efficiency by 10%.*
  - ○ *Applied working knowledge of software lifecycle to develop and lead software efforts. Corrected errors in software to fix performance issues and improve usability.*

- **Aptech**   *(Aptech)*   Software Engineer
  HTML/CSS, JavaScript, PHP, MYSQL   *May 2018 - Oct 2018*
  - ○ *Participated in projects, and retrospectives to drive smooth project execution.*
  - ○ *Designed and implemented a blogging platform with a team of other developers that allows a user to create, edit and delete blogs, increasing teamwork and efficiency by 10%.*
  - ○ *Applied working knowledge of software lifecycle to develop and lead software efforts. Corrected errors in software to fix performance issues and improve usability by 10%.*

EDUCATION

- **University of Nigeria Nsukka**   Enugu, Nigeria
  Bachelor of Engineering - Electronic Engineering; (first-class honors top 3%)   *Nov 2014 - Sept 2019*

- **President-Information Communication Technology(ICT)**
  Nigerian Youth Service Corp Egbeda, Ibadan.   *2021*
  - ○ *Team lead and coach on different career paths in Technology and enhanced Community development.*