



Newton Aigbokhan

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Experienced backend developer with expertise in designing and implementing highly scalable microservices architectures. Proficient in C#, .NET, Kubernetes, and cloud technologies, with a proven track record of delivering high-performance solutions that handle thousands of concurrent requests while maintaining system stability.

Experience

JANUARY 2022 – PRESENT

Software Engineer/Chithub Company Limited

- Architected and implemented a highly efficient microservices-based system using C#, .NET, Docker, and Kubernetes, resulting in a 40% improvement in overall system performance and scalability
- Engineered a robust backend capable of handling 6,000+ concurrent requests and file uploads, including videos. And real-time monitoring, ensuring system stability.
- Designed and implemented RESTful APIs following SOLID principles and modular architecture, improving code maintainability and testability by 25%.
- Implemented secure integrations with third-party payment gateways and KYC providers using OAuth2 and JWT for user authentication and encryption techniques for data protection, reducing fraud risks by 15%.
- Optimized data storage solutions using SQL Server and NoSQL databases, improving query performance by 30%
- Spearheaded the adoption of Docker containers and Kubernetes orchestration, automating deployment pipelines and streamlining CI/CD processes, resulting in a 50% reduction in deployment time.
- Mentored junior developers through pair programming, code reviews, and hands-on workshops, establishing a rigorous code review process that significantly improved code quality and reducing production issues

FEBRUARY 2019 – DECEMBER 2021

Mobile Developer/Lingtechy, Lagos

- Developed feature-rich Android applications using Java and Android SDK, achieving 1000+ downloads on Google Play Store.
- Integrated third-party APIs including OneSignal and Firebase for real-time notifications, enhancing user engagement and app functionality.
- Designed and implemented a VPN app using strongSwan IKEv2 protocol for encrypted and secure user communication, ensuring data protection and privacy.
- Optimized app monetization strategies by integrating Google Play Store Billing Library and Admob, increasing app revenue by 25% through targeted ads and in-app purchases.
- Managed and optimized cloud infrastructure on AWS, GCP, and Digital Ocean, reducing server costs by 50%

FEBRUARY 2018 – OCTOBER 2020

Web Developer/Cedeny Company, Lagos

- Developed fully functional e-commerce websites using WordPress, and WooCommerce, enabling payment processing, inventory management, and user account creation.
- Created responsive and user-friendly interfaces using HTML, CSS, and JavaScript, leveraging frameworks such as Bootstrap to enhance cross-device compatibility and UX design.
- Collaborated closely with clients to gather detailed requirements, developing tailored web solutions that met specific business needs, increasing client satisfaction and retention.

Skills

- **Languages & Frameworks:** C#, .NET Framework/Core, ASP.NET, Blazor, Java (Android)
- **Cloud & DevOps:** AWS, Azure, GCP, Docker, Kubernetes, CI/CD, Git
- **Databases:** SQL Server, MongoDB
- **Methodologies:** Microservices Architecture, Clean Architecture, Domain-Driven Design, RESTful API Design, Modular Architecture.
- **Testing:** Unit Testing, Integration Testing
- **Performance:** High-concurrency systems, File upload optimization, Video processing.

Education

MAY 2021

Google Data Analytics Professional Certificate/Coursera

MAY 2017

Bachelor of Science Building/Ambrose Alli University, Ekpoma

Additional Information

Available for immediate relocation.