SAMSON KITIGO

Fairfield, IA 52556 • +1-641-233-9945 • samsonjesuyon@gmail.com
https://www.linkedin.com/in/samson-kitigo-8833b0102/

FULLSTACK .NET DEVELOPER

Full-Stack Developer with 4 years of experience building scalable, high-performance FinTech solutions and SaaS products. Developed and maintained enterprise applications ensuring seamless functionality and system reliability while enhancing automation, security, and efficiency within the banking and technology sectors. Proficient in requirements gathering, system design, and deployment within the Software Development Life Cycle (SDLC), working on Agile methodologies. Skilled in C#, ASP.NET Core, Angular, SQL (MSSQL, MySQL), and cloud platforms like AWS and Azure.

• Problem-Solving • Scalable System Design • API Development • Cloud Integration • Machine Learning Implementation

• AI-Driven Automation • Database Management • System Performance Optimization • SOLID Principles

Languages: C#, JavaScript, Python
Web: HTML5, CSS3, jQuery, Tailwind, Bootstrap
Web Services: RESTful APIs
Web/App Servers: IIS (Internet Information Services), Apache Tomcat, NGINX
Frameworks: ASP.NET Core, Entity Framework Core, Angular
Databases: PostgreSQL, MySQL, SQL Server, MongoDB, SQLite
Design Patterns: MVC, Repository Pattern, Event-Driven Architecture, Event-Driven Design, Singleton, Observer
SDLC: Agile
Tools: Visual studio, IntelliJ, Rider, Docker, GitHub, Bitbucket, GitLab, Postman (API testing), Swagger/OpenAPI, JIRA
Platforms: Windows, MacOS

PROFESSIONAL EXPERIENCE

CAREER NOTE: *Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).*

POLARIS BANK, Victoria Island, Nigeria • 10/2022 – 07/2024

A leading financial institution in Nigeria that provides digital banking solutions, fintech innovations, and financial services.

Software Engineer
Developed and optimized backend APIs, integrated cloud-based solutions, and improved system reliability.

- Designed and integrated RESTful APIs to facilitate seamless communication between Angular-based frontends and .NET backends, optimizing request handling time by 40%.
- Implemented cloud-based deployment strategies using Azure Functions, improving system availability and disaster recovery.
- Automated CI/CD pipelines with Azure DevOps, ensuring zero downtime deployments and reducing deployment errors by 50%.
- Enhanced database query performance by optimizing SQL procedures and indexing, leading to a 25% improvement in response times.
- Developed and maintained microservices-based backend systems, also, improving scalability and system efficiency.
- Designed and implemented RESTful APIs to seamlessly integrate banking services and third-party identity management platforms, enhancing banking processing.

Technologies Used: *C#, .NET Core, Entity Framework Core, Angular, Azure, SQL.*

DECAGON, Lagos, Nigeria • 10/2021 – 10/2022

A software development outsourcing company that provides top-tier engineering talent for global technology firms.

Software Developer
- Developed scalable backend APIs using C#, ASP.NET Core, and Entity Framework, improving application response times by 40%.
- Designed secure authentication and authorization mechanisms with JWT and OAuth2, enhancing data protection and user access control.
- Optimized database queries and indexing in PostgreSQL, reducing query execution time by 30%.
- Integrated caching mechanisms using Redis, improving API performance and reducing redundant database calls.

- Implemented API documentation using Swagger/OpenAPI, improving developer experience and third-party integrations.

Technologies Used: *C#, ASP.NET Core, Entity Framework Core, React, PostgreSQL.*

F1 INTERACTIVE, Lekki, Nigeria • 04/2021 – 10/2021

A digital solutions company specializing in SaaS applications, marketing technology, and enterprise software.

Product Manager

Managed software development roadmaps, ensuring alignment between business needs and engineering execution.

- Oversaw the full software development lifecycle of fintech applications, ensuring timely delivery and aligning with business goals.
- Designed product roadmaps and worked with engineering teams to prioritize feature development and system enhancements.
- Conducted market research and user analysis, helping refine product requirements for better user adoption.

Technologies Used: *JIRA*

PIOGATE SOLUTIONS, Lagos, Nigeria • 07/2020 – 04/2021

A custom software company specializing in enterprise software solutions for small and mid-sized businesses.

Software Developer

Developed web applications, designed APIs, and optimized system architecture.

- Developed interactive front-end applications using React, improving user engagement and experience.
- Implemented backend APIs with Django, integrating with SQL databases for real-time data processing.
- Designed RESTful services and implemented WebSockets for real-time data communication, improving system responsiveness.
- Integrated third-party APIs for payment processing with Stripe Payment Gateway, enabling seamless transactions for users.

Technologies Used: *Python, Django, React, MySQL.*

INDEPENDENT CONTRACTOR EXPERIENCE

Turing (Remote) • 11/2022 – 02/2024

A tech services company that uses AI to connect companies with highly skilled remote software engineers.

Python Developer

- Led a team in training AI models, improving automation workflows and enhancing model accuracy by 30%.
- Developed data pipelines and implemented machine learning solutions using Python and related frameworks.
- Applied best practices in AI development to enhance model functionality and maintain efficient workflows.

Technologies Used: *Python.*

ACADEMIC PROJECTS

Maharishi International University (2024)

Loan Management System: Developed a RESTful API for a Loan Management System using Spring Boot and MySQL, enabling efficient loan processing, approval workflows, and repayment tracking. Implemented JWT authentication, RBAC, and performance optimizations like caching and indexing for enhanced security and responsiveness. Tech stack: Java, Spring Boot, MySQL, Spring Data JPA, Hibernate.

PERSONAL PROJECTS

Cluta (2024): Cluta Service is a decluttering platform with location-based filtering and seamless interactions. Built RESTful APIs with Spring Boot, secured with OAuth2, and integrated real-time notifications via Twilio. Optimized image management with AWS S3. Tech stack: Spring Boot, Java, OAuth2, Twilio, MS SQL, Docker, Hibernate.

Hotelier 2025: Developed Hotelier, a multi-tenant hotel management system with RBAC and subscription-based access. Built REST APIs with ASP.NET Core 8, optimized PostgreSQL performance, and containerized with Docker.

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 04/2027)
Maharishi International University, Fairfield, Iowa

Key Courses: Database Management System, Enterprise Architecture, Cloud Computing, Algorithms

Bachelor of Science in Computer Science
ESPAM Formation University, Cotonou, Benin (06/2016)