

Samuel Jimoh

Software Engineer

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🔗 Github link 📖 Stack Overflow link

CAREER SUMMARY

Detail-oriented software developer with over 4 years of experience in backend development, skilled in TypeScript, Golang, and C#. Experienced in building scalable, secure, and high-performance applications across various domains, with a particular specialization in fintech solutions. Proven ability to collaborate effectively with cross-functional teams, integrate complex payment and banking systems, and resolve challenging technical problems. Committed to delivering high-quality solutions and driving operational improvements in fast-paced, dynamic environments.

EDUCATION

Computer Science

American Institute of Africa(AIA)

09/2020 – 10/2023

Lomé, Togo

PROFESSIONAL EXPERIENCE

Senior Backend Developer

Byteflow || Indre Cirkel

10/2024 – present

Abuja, Nigeria

- Developed the SERVICOM citizen complaint and MDA tracking platform for all Nigerian citizens, set to be publicly launched soon
- Developed and actively maintained a banking application, building robust APIs using the Express.js framework and MongoDB, and integrating with the Nigeria Inter-Bank Settlement System (NIBSS) APIs to enable secure transactions, real-time fund transfers, and seamless interoperability with financial institutions.
- Implemented an SMPP aggregator to centralise and manage SMS traffic from multiple providers, enabling seamless routing, load balancing, and failover handling for enterprise messaging services.
- Worked with a tech stack including Node.js, Express.js, and MongoDB to build efficient, scalable backend solutions serving both web and mobile applications. Integrated the Paystack and Stripe payment systems to streamline fund transfers, enabling secure and efficient transactions for both receiving and withdrawing funds.
- Worked with a tech stack including Golang, Gin and MySQL on developing and enhancing a payment gateway platform designed to support a wide range of payment methods, including card payments, bank transfers, ACH payments and more, ensuring secure, reliable and seamless transaction processing.
- Collaborated on leveraging OpenAI models to optimize order processing and analyze customer behavior, enabling personalized and seamless user experiences.
- Responsible for maintaining product servers and databases, providing support for product features when required, and conducting regular maintenance on existing functionalities to ensure stability and performance.

Backend Developer

Cardgit 🌐

02/2024 – 09/2024

Remote, Nigeria

- Developed backend API using TypeScript, Express, and MySQL.
- Improved and maintained existing application features to enhance performance, scalability, and reliability, while rigorously implementing security best practices to safeguard user data, prevent vulnerabilities, and ensure the integrity of all stored and transmitted information
- Implemented payment integration using paystack for secure payment processing and settlement

Backend Developer

Jesus Mission Ministries

04/2023 – 12/2023
Lagos, Nigeria

- Developed a highly secure backend API for an empowerment application using ASP.NET [Core](#).
- Implemented advanced security measures, including JWT authentication, to safeguard user data.
- Designed and managed data storage solutions using Entity Framework and SQL Server.
- Integrated Paystack to securely disburse and collect payments for qualified applicants

Backend Developer

Log-X

07/2020 – 02/2023
Ibadan, Nigeria

- Contributed to the company's backend API development using PHP, Nodejs and MySQL.
- Assisted in implementing advanced caching techniques, improving request/response cycle speed by 15%.
- Developed the payment module integrating the Flutterwave payment platform

PROJECTS

go-validator

A lightweight golang validator library

Developed a performant, reflection-free validation library for Go, offering a fluent, composable rules engine to validate arbitrary values without struct tags. Implemented dynamic rule chaining, custom error aggregation, stop-on-first-error logic, and type-safe checks without reliance on reflection. Published the library as a Go module with semantic versioning and usage documentation.

Blog API [↗](#)

- Developed a blog website backend using TypeScript, Express, and MongoDB
- Implemented intelligent caching techniques, including cache invalidation upon changes in the blog collection
- Implemented role-based authentication to differentiate between users and admins
- Utilized natural language processing (NLP) and machine learning techniques for post recommendations and efficient search functionality

E-commerce Backend

- Currently working on an E-commerce webapp using Gin for backend and Postgres and the Database
- Implementing sophisticated order processing techniques

TECHNICAL SKILLS

Programming languages: Javascript/Typescript (Nodejs) ,Golang , C#

Tools: Git/Github, Docker, Kubernetes, AWS, Terraform

Collaboration for communication tools: Zoom, google meet, slack

CERTIFICATES

- Freecodecamp Algorithms and data structures
- Freecodecamp Backend development and APIs

KEY STRENGTHS

- Technical proficiency
- Collaborative Team Player
- Excellent time management
- Effective problem-solving abilities
- Strong communication skills

REFERENCES

Available on request