

SOLOMON ESEME

SOFTWARE ENGINEER, TECHNICAL WRITER

SUMMARY

A Software Engineer with 5+ years of experience in developing scalable and innovative software. Beyond just writing code, I understand how important testing, logging, design systems, design patterns, and the principle of least privilege are to a system. I also possess strong interpersonal skills.

WORK EXPERIENCE

Lead Backend/Blockchain Engineer 2022-07 - Present
Cryp.Africa, Lagos, Nigeria

- Led the development team to build the African Payment Operating System on Blockchain.
- Implement a system to interact with our smart contracts using Ethereum Web3.js with **30%** request performance.
- Implement a strategy pattern to interact with different blockchain services such as Tatum, Starton, etc with a clean code architecture.
- Increase team development time by **60%** by outlining clear tasks and using good communication among team members.
- Set up a CI/CD process with zero downtime in deployment, and better developer experience when compared to our previous setup.
- Collaborated with CTO to document project setup and deployment process to enhance our onboarding experience.
- Implement payment service to process successful and failed transactions with Stripe, Pystack, and Paddle.

Tools and Technologies: Node.js, Tatum API, Web3.js, GraphQL, TypeScript, AWS

Full Stack Developer 2021-08 - 2022-07
Friday Finance (formerly Airbank), Berlin, Germany

- Developed different Fintech-related features including automatic categorization that enables the company to secure **\$20m in funding at a \$100m valuation**.
- Collaborated with the team to develop Cash flow positions, and cash flow forecasting features which accelerated the launching of the product by **30%**.
- Collaborated with the team to develop the Invoice Manager Feature that enables users to upload, auto-detect, and match invoices to transactions which increases user conversion by **40%**.
- Identified, fixed, and wrote post-mortems for critical bugs. This not only prevented bugs like these but also helped the whole team reflect and improve the process we took to find the bugs.

Tools and Technologies: Node.js, Nuxt.js, Vue.js, Github, GraphQL, TypeScript

Software Engineer 2020-11 - 2021-07
Inbloom.ai, Montreal, Quebec, Canada

- Completed a multi-tenant application system that helps clients to manage processes easily and efficiently.
- Analyzed extensively the backend infrastructure serving many users and proposed improvements by introducing Microservices architecture.

📍 Lagos, Nigeria

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SOFT SKILLS

Team Player

Attention to Details

Excellent communication

Team Leadership

Public Speaking

Technical Writing

TECHNICAL SKILLS

SQL | MySQL | PostgreSQL

AWS | GCP | Docker

PHP | Laravel

JavaScript | TypeScript | NodeJS

Vue | Nuxt | React

Java | CI/CD

- Implemented different Microservices to connect and interact with different CRM such as Quickbooks for invoicing, credit memos, and payment management.
- Proposed and Innovated the existing backend codebase to encourage loose coupling, separation of concerns, and clean code principles which increases team productivity and enhances our onboarding experience.
- Collaborated effectively with team members from different backgrounds, tribes, and languages.

Tools and technologies: PHP, Laravel, VueJS, Jira, Hubstaff, Bitbucket, Quickbook API

Software Engineer 2019-12 - 2020-11
Gerocare, Lagos, Nigeria

- Coordinated the team that implements or upgraded the platform to accommodate the **next 1 million users**.
- Introduced and implemented the OWASP Top 10 security guidance implementation to reduce the security issues of the system by **60%**.
- Increased the response time of the application to more than **50%** by proposing and rebuilding our backend services, which boost the customer's conversation rate by **40%**.

Tools and Technologies: Node.js, Laravel, PHP, AWS Cloud9, AWS EC2, Trello, Slack, MySQL

Full Stack Developer 2018-01 - 2019-11
IplayFootball Limited, Lagos, Nigeria

- Developed a platform that allows footballers to create their professional profiles, also manage scouts who want to purchase, rent or lease these footballers, from negotiations to payment.
- Developed the REST API with PHP/Laravel and worked with JavaScript at the front end to integrate the API.
- Conducted the required Requirement Analysis and implemented the Database Design to conform with ACID.
- Persuaded the deployment of the Project on each Sprint to AWS, using CI/CD tools and also setting up automated testing in the pipeline.
- Designed seamless backend engineering processes following best practices and clean code principles.

EDUCATION

NATIONAL OPEN UNIVERSITY 2018-12 - 2021-12

Computer Science, NATIONAL OPEN UNIVERSITY, Nigeria
 Graduated with High Honors

PORTFOLIO

All my technical articles: <https://contentre.io/kaperskyguru>

My Backend Engineering Blog: <https://masteringbackend.com/authors/kaperskyguru>

ACHIEVEMENTS

- Backend Engineer, Codecademy, Remote
- Founder of Contentre.io
- Founder of Masteringbackend.com
- Founder of Profaily.com