

# Lucky Samuel

Full-Stack Software Engineer

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## Objective

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Motivated and results-driven software engineer with a solid foundation in full-stack development and a passion for creating efficient, scalable, and user-focused solutions. Seeking opportunities to leverage my expertise in modern web technologies to build innovative applications that drive business success.

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## Profile

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Dynamic and versatile software engineer with a background in industrial chemistry and comprehensive training in software development through the ALX Software Engineering Program. Skilled in designing and deploying robust web applications using frameworks like React, Next.js, and SvelteKit. Proven experience in delivering optimized, user-friendly platforms and collaborating effectively within cross-functional teams. Adept at problem-solving and continuously expanding technical knowledge to stay ahead in the tech industry.

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## Education

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### University of Benin

Bachelor of Science in Industrial Chemistry

2011 - 2016, Benin, Edo State.

### ALX Software Engineering Program

Completed: July 2024

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## Professional Experience

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### Full-Stack Developer

#### Freelance Projects

- Designed and developed responsive web applications using **React**, **Next.js**, and **SvelteKit**, ensuring optimal performance and accessibility across all platforms.
- Built a real-time ride-hailing application featuring wallet and

payment functionalities, leveraging **Supabase** and **Paystack API**.

- Enhanced SEO and performance for an e-commerce site built with **SvelteKit**, utilizing advanced techniques like lazy loading, code splitting, and server-side rendering to boost optimization scores by 25%.
- Developed dynamic pricing and negotiation algorithms, increasing customer satisfaction by 15%.
- Migrated a legacy PHP website to a modern **SvelteKit** platform, improving load speed by over 80% and deploying it on **Vercel**.

## Software Engineer Intern | Remote

### ALX Ventures Gig-at-a-Startup

- Designed scalable backend microservices using **Golang**, optimizing database schemas and ensuring robust API performance.
- Implemented secure, user-friendly authentication systems with **JWT**, collaborating closely with a multidisciplinary team.

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## Project Experience

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### Real Estate Platform | Remote

#### Square Metres

- Architected and implemented the frontend of a real estate platform using **SvelteKit**, featuring dynamic blogs and property listing integration.
- Leveraged **Supabase** for backend functionality, enabling seamless data management.
- Automated homepage updates with dynamic blog integration, significantly improving user engagement.
- Utilized **Vercel** and GitHub CI/CD pipelines for efficient deployment and maintenance.

### MERN Authentication System

- Developed a secure signup/login system using the **MERN stack**, incorporating Google login for enhanced convenience.
- Implemented token-based authentication and OTP functionality to ensure robust user security.

## E-Commerce Platform

- Built an e-commerce site using **Next.js**, integrating a backend service with **Express** to achieve scalable operations.
- Integrated payment processing with **Stripe** and **Paystack**, ensuring seamless transaction workflows.
- Implemented OTP-based user verification, enhancing the platform's security features.

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## Honors & Awards

- Certificate of Completion: Career Essentials in Software Development by Microsoft and LinkedIn
- Certificate of Completion: Build Your Generative AI Productivity Skills with Microsoft and LinkedIn – Expanded understanding of AI tools and workflows, enabling integration of generative AI solutions into software projects for enhanced productivity and innovation.
- Certificate of Completion: Introduction to Prompt Engineering for Generative AI
- Certificate of Completion: Professional Soft Skills Learning Pathway – Developed essential communication, teamwork, and leadership skills crucial for collaborating effectively in multidisciplinary teams and managing software development projects.
- Certificate of completion effective listening
- Certificate of completion Teamwork
- Certificate of completion Communication
- Certificate of completion Building Resilience

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## Technical Skills

- **Programming Languages:** JavaScript, Python, Go.
- **Frameworks:** React, Svelte, SvelteKit, Next.js, NodeJS, ExpressJS, Django, Flask, Gin.
- **Backend Tools:** Supabase, Firebase, REST APIs
- **DevOps & Tools:** Git, Vercel, CI/CD Pipelines
- **Database:** PostgreSQL, MongoDB
- **Other Skills:** SEO Optimization, Agile Development