


EMMANUEL ELUSIE (ALONSOME)

Software Engineer (Backend-Focused Systems Developer)

Aba, Abia State, Nigeria | Remote | On-site

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Professional Summary

Software Engineer with strong backend engineering focus building APIs, automation systems, and integration-driven applications. Experienced in designing scalable service logic, webhooks, and AI-powered workflows using Java, Python, and JavaScript ecosystems. Known for turning complex processes into automated software solutions — from payment integrations and bots to backend-driven applications.

Combines engineering and communication skills as a published fiction author, demonstrating ability to translate complex technical concepts into structured systems and narratives.

Core Technologies

Languages:

- ✓ Java
- ✓ Python
- ✓ JavaScript
- ✓ TypeScript
- ✓ C#
- ✓ C/C++

Backend & Frameworks:

- ✓ Spring Boot
- ✓ Node.js
- ✓ Express
- ✓ .NET
- ✓ REST API Design
- ✓ Webhooks
- ✓ System Architecture

Databases:

- ✓ MySQL
- ✓ MongoDB
- ✓ SQL

Automation & Integrations:

- ✓ Telegram Bots
- ✓ Facebook API
- ✓ Webhooks
- ✓ AI integrations
- ✓ OCR processing

Tools & Concepts:

- ✓ Git
- ✓ OOP
- ✓ Data Structures & Algorithms
- ✓ Debugging
- ✓ Software Design
- ✓ Problem Solving

KEY ENGINEERING PROJECTS

API & Automation Systems

VTU Backend Service

- Designed backend logic for digital transaction workflows
- Implemented wallet balance checks and request processing architecture
- Structured service logic to support reseller and customer operations

Facebook & Messaging Automation Bots

- Built webhook-driven integrations handling automated responses and event triggers
- Developed API communication layers between external platforms and backend logic
- Implemented AI-assisted content generation workflows

Telegram AI Chat Bot

- Created conversational system processing user messages and automated responses
 - Integrated external AI services and command-based automation features
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Software Applications

USSD Simulation Application

- Implemented menu-driven backend interaction system
- Designed request-response logic replicating telecom USSD flow architecture

Student Management System (Java)

- Developed database-driven application managing records and operations
- Implemented structured data handling and object-oriented architecture

Chat Application (Python)

- Built real-time communication system demonstrating networking concepts
- Implemented client-server message handling

Sound Recorder System (Java + MySQL)

- Developed media processing system storing and managing audio records
- Implemented persistent storage handling and structured file management

Research & Experimentation Projects

- OCR text extraction chatbot
- Cryptocurrency & data scraping automation scripts
- Portfolio CMS system for live content updates
- Backend webhook listeners for external services

Experience

Freelance Software Developer — Self Employed

2021 – Present

- Developed backend-driven applications and automation tools for clients
- Designed APIs and structured application logic for reliability and maintainability
- Built integrations connecting third-party services through webhooks and scripts
- Delivered multiple custom software solutions across web and messaging platforms

Technical Intern — Cllntonel Innovation Centre

2023/2024 - 2023/2024

- Worked on technical problem solving and engineering projects
- Participated in collaborative system design and prototyping
- Strengthened debugging and applied engineering workflow skills

CERTIFICATIONS

Cisco Networking Academy — Python Essentials 1 (2024)

Skills: programming logic, debugging, problem solving, Python scripting

National Youth Service Corps (NYSC) — Certificate (2025)

Skills: communication, accountability, documentation & reporting, team collaboration, adaptability | Focus: Teaching (Digital Technology)

Education

Bachelor of Technology (B.Tech) — Computer Science (2024)

Federal University of Technology, Owerri — Second Class Upper Division

Publication

Author — *Ashes of Eden* (Dark Fantasy Romance)

A modern fantasy narrative exploring complex cause-effect systems, character logic, and structured storytelling — demonstrating advanced communication and structured thinking skills transferable to software design and architecture.

ADDITIONAL STRENGTHS

- Analytical & critical thinker
- Strong self-learning ability across technologies
- Comfortable working independently or in distributed teams
- Able to translate real-world processes into programmable logic