



Lina Chioma Anaso

Backend, Frontend, Full Stack Software Engineer

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Profiles

[Lina Chioma Anaso](#)

LinkedIn

[Lina Chioma Anaso](#)

GitHub

Technical Skills

Languages

Python, TypeScript, JavaScript, SQL

Backend

Node.js, Fastify, Flask, Express.js

Frontend

Tailwind CSS, CSS, React, HTML

Databases

MongoDB, PostgreSQL

Concepts

API Design, Authentication, MVC, Clean Architecture

Tools & Platforms

Git, Docker, REST APIs, CI/CD

Soft Skills

Analytical problem-solving

Adaptability

Effective Communication

Cross-Functional Collaboration

Continuous Learning

Full Stack Software Engineer with 10+ years of professional experience in engineering, quality systems and operations leadership, specialising in backend and full-stack software development. Experience building REST APIs, scalable backend systems, and full-stack applications using TypeScript, Node.js (Fastify), SQL/NoSQL databases , with a strong focus on clean architecture, type safety, and maintainable code.

Experience

Weebet.io Jan 2026 - Mar 2026
Software Engineering Intern Remote

- Developed RESTful API endpoints using TypeScript and Fastify, improving data query efficiency.
- Collaborated in an agile team using Git and pull requests for code reviews
- Applied Hexagonal Architecture and CQRS to improve system modularity.
- <https://www.npmjs.com/package/@weebet/spike>
Contributed to the tooling of @weebet/spike CLI (npm package) that automates development environment setup.

Cobel Contracting Nigeria Jul 2012 - Sept 2016
Quality Assurance and Quality Control Officer Lagos, Nigeria
(Team Lead)

- Developed and standardized a global quality management system in line with ISO 9001:2008 standards.
- Implemented statistical control tools and monitoring methods, resulting in a reduction of third-party rejection rates from 80% to 5% and a decrease in corrective-action costs by 40%.
- Directed internal audits and management reviews, promoting cross-team collaboration to address non-conformances, leading to a 50% decrease in defects.

Yasnas Engineering Limited Jul 2011 - Jul 2012
Quality Assurance and Quality Control Officer Lagos, Nigeria

- Steered a team in charge of constructing 353 bearing piles and 500 secant piles, laying the groundwork for the EKO Guest House project.
- Devised and executed inspection plan for piling operations, which streamlined processes and reduced project delays by 10%.

Grand Petroleum Feb 2010 - June 2011
Quality Control and Quality Assurance Officer Lagos, Nigeria

- Established CAPA systems, effectively eliminating the use of substandard base oil and subsequently increasing profits by 20%.

Certifications

SWE Internship

Webeet.io

March 2026

[Certificate](#)

SQL

April 2025

[Certificate](#)

React

Scrimba

August 2025

[Certificate](#)

DataBase

April 2025

[Certificate](#)

Python PCEP

Python Institue

October 2024

[Certificate](#)

Languages

Igbo

Native

English

C1

German

C1

Projects

SilverCrest Hotel Booking Application

March-2026

<https://github.com/Chiomalina/Hotel-Booking---SilverCrest-Backend>

- Developed a full-stack hotel management app with responsive UI, API integration, and a dashboard for bookings and room management.
- Designed RESTful APIs supporting create and read operations for rooms and bookings, using MongoDB (Mongoose) for data modeling and Clerk for secure authentication and session management.
- Integrated Cloudinary and Multer for image uploads, implemented email notifications with Nodemailer and webhooks via Svix; deployed on Vercel, performed debugging, and managed code with Git in an Agile-inspired workflow.

Movies Database CLI Application

Dec 2025

Python application for managing and analysing movie datasets

<https://chiomalina.pythonanywhere.com>

GitHub: <https://github.com/Chiomalina/Flask-movie-app>

- Developed a Python CLI movie database application with CRUD operations, filtering, sorting, fuzzy search (RapidFuzz), and rating analytics visualized using Matplotlib.

WhatsApp Meme Generator

Mar 2025

AI-powered meme bot integrating Imgflip API and Twilio WhatsApp messaging.

[Project](#)

- Built an automated meme generation bot integrating the Imgflip API for context-aware caption generation and Twilio API for WhatsApp message delivery.

Education

Masterschool

Nov 2024 - Mar 2026

Software Engineering

Engineering Training

- Software Engineering program with specialization in web development, where I learned and built full-stack applications using **Python (Flask), React, REST APIs, and SQL/ORM**, implementing authentication, API integration, and responsive UI design in agile, Git-based environments.

National Open University Of Nigeria

Oct 2012 - Oct 2017

Business Administration

Master's Degree

- Thesis in integrating Strategic Workforce Planning, HR Analytics, and Change Management to optimize Talent Alignment and Engagement.

Institute of Management and Technology

Sept 2004 - Dec 2009

Chemical Engineering

Higher National Diploma