

NWOKOLO GODWIN CHIDERA (nwokolo.godwin.chidera@gmail.com, +2349055284351)

Qualification: B.Eng Production Engineering

Address: Lagos, Nigeria

Career Objective

As a software developer and a perpetual student of computer science, I am driven by an enduring intrigue in how computing can reveal and resolve real-world inefficiencies that shape our daily lives. I believe that through the application of mathematics, physics, and modern software development tools and workflows, we can collectively transform mentally exhausting, repetitive, and financially inefficient tasks into seamless, dividend-rewarding experiences. My goal is to be at the forefront of solving these deceptively small yet recurring challenges—freeing people to focus on the more meaningful aspects of work and life.

Education

Secondary School Leaving Certificate — WASSCE, Kembos College, Lagos, 2015

Bachelor Of Engineering — B.Eng Production Engineering, University Of Benin, 2025

Skills

Frontend Web Development, Backend Web Development, Cross Platform Application Development (Mobile & Desktop), Native Android Application Development, Blockchain Development, Operating System Development, Embedded Systems Development & Machine Learning Development.

Work Experience

Core Developer — pythondotorg, PSF; September 2024 — Date

Summary of role experience:

- Reporting and fixing of issues
- Fixing Of non-verbose / overly-obtuse documentation which regularly leads to improper interpretation.

Software Engineer — CodeDAN; July 2024 – Date

Summary of role experience:

- Processing of design documents on projects at hand.
- Working with stakeholders and implementing of wireframes, low-fidelity and high-fidelity sketches for applications still in ideation & design stage.
- Implemented test cases and test suites for applications and products under development.
- Compilation and publishing of release and debug builds of products under development and in production.

Software Engineer — SquarePyramid; November 2023 — May 2024

Summary of role experience:

- Processed Product Requirement Documents (PRDs) and extracted resulting immediate and longer running commitments required by the projects.
- Implemented initial proofs of concepts which contributed to laying the ground truths expected of the shipped product.
- Implemented frontend applications with accessible interface for product visitors/stakeholders.
- Implemented backend applications to power distributed frontend applications while keeping latency at a minimum, thereby shipping only what was required to the client.
- Implemented product-specific caching algorithms for long-running backend tasks.

References

Available on request

Projects

T (WIP) – Context-Aware Group Chat with LLMs (<https://github.com/alvindera97/T>)

Technologies: Kafka, REST APIs, TypeScript, Node.js, React (WIP), PostgreSQL

Designed and developed a web application enabling group chats powered by participating LLMs serving as individual group chat members that track and respond to ongoing thread context, message references, and user mentions. Project currently on pause due to ongoing UI/UX design work for the chat interface.

Internal Freelance App (Codename Adept Axolotl) [In Progress]

Technologies: Kotlin, Jetpack Compose

Responsible for full-stack logic, including networking, persistence, and reactive/responsive UI. Currently in development under a private freelance engagement.

File System Performance Benchmarking Using FUSE

Technologies: Python, FUSE, Trie/Linear/Binary Search Algorithms

Collaborated on the development of custom file systems integrated with FUSE. Implemented multiple indexing strategies (binary, linear, and trie-based search) and performed comparative benchmarks to evaluate retrieval performance under varying file access patterns.

Professional Memberships

Python Software Foundation (PSF) Member (September 2016 — Date)