Quamdeen Olajide

Brooklyn, NY

quamola@email.com | (929)-326-2692 | LinkedIn: www.linkedin.com/in/quamdeen-olajide | GitHub: https://github.com/QOOlajide

EDUCATION

School of Professional Studies, City University of New York (CUNY)   **New York, NY**
Bachelors of Science in Computer Information Science   Expected Graduation: December 2026

SKILLS

Programming Languages: HTML/CSS, Javascript, Typescript, Python, Java, SQL, Bash/Shell Scripting
Tools: React, Next.js, Node.js, Express.js, FastAPI, PostgreSQL, Redis, Pinecone, Tailwind CSS, ShadCN UI, Docker, Git, Vercel, AWS, Framer Motion, Prometheus, Figma

EXPERIENCE

Software Development Engineering Intern   **Remote**
Refilgas   Jan 2026 – Present
- Collaborated with **9 cross-functional team members** to develop key features for a logistics platform serving LPG gas delivery across Nigeria
- Built an end-to-end waitlist API using **FastAPI**, **PostgreSQL,** and **Resend** email automation, capturing **3 early adopters**

Software Development Engineering Resident   **New York, NY**
Headstarter   June 2025 – Present
- Implemented an **AI-powered customer support** system for Aven using **Next.js, TypeScript, Pinecone (vector DB)**, **Exa (web scraping)**, **VAPI Docs** and **OpenAI APIs**.
- Delivered MVP enabling **real-time chat/voice Q&A** that cuts customer support workload **25%+** with instant responses and scalable scheduling/guardrails.
- Pioneered and deployed a **Model Context Protocol (MCP) server** in **Python (FastAPI, Pydantic)** to connect with **Google Calendar**, **Notion**, and **Slack**.
- Demonstrated cross-tool orchestration with potential to save **1–2 hours** per user weekly by reducing context-switching across productivity apps.
- Coached by former Amazon, Bloomberg and Capital One engineers on Agile, CI/CD, Git and architectural design practices

Software Development Engineering Fellow   **Remote**
Codepath   May 2025 – Aug 2025
- Launched a full-stack community platform using **React**, **Node.js**/**Express**, **PostgreSQL**, **Redis**, **Stripe API,** and **Docker**, resulting in a scalable system ready for deployment on **AWS**.
- Added an **AI-powered Islamic Q&A feature** with **Retrieval Augmented Generation (RAG) pipeline** and **OpenAI GPT** to provide trusted, cited answers, reducing misinformation risk for the community.

AI PROJECTS

Agent Workflow Builder   October 2025 – Present
- Architected an AI workflow platform to automate job applications with **Next.js** and **React Flow**, reducing latency by **99.9%** using Redis caching
- Integrated **Prometheus** metrics tracking P95/P99 latency and cache performance, achieving an **85%** cache hit rate

Terminal Coding Agent   October 2025 – Present
- Built a TypeScript terminal coding agent integrating **Google Gemini API** to automate multi-file code modifications through natural language commands.
- **Identified 80% cost optimization** opportunity through API call batching analysis (reducing N+1 calls to single batch request)

ACTIVITIES

Colorstack   January 2026 - Present
Active member of ColorStack, a national nonprofit community supporting Black & Latinx Computer Science students with mentorship, technical workshops, and career development.

National Society of Leadership and Success   August 2024 - Present
Selected for membership based on academic standing and leadership potential.