Eti-ini Effiong-Robert

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SUMMARY

Software Engineer and Computer Science undergraduate with a 4.68/5.0 GPA. Canadian Permanent Resident with a track record of building AI-powered MVPs and optimizing cloud infrastructure. Passionate about building high-performance backend systems and distributed architectures using Python, Go, and AWS.

EDUCATION

University of Lagos — Lagos, Nigeria
Bachelor of Science in Computer Science (First Class Honours; GPA: 4.68 / 5.0) — *Feb. 2022 – Aug. 2027*

EXPERIENCE

Software Engineer — USA (Remote)
Event Visionary LLC — *Aug. 2024 – Present*
- Refactored legacy frontend architecture by migrating from CRA to Vite and GitHub Actions, reducing CI/CD build times by 62.5% (from 8+ minutes to under 3).
- Architected an AWS-based SMS marketing engine using Pinpoint and SNS, scaling the platform from 0 to 200+ registered users.
- Optimized cloud resource allocation across EC2 and S3, slashing monthly compute spend by 68% (from $250 to $80) while maintaining 99.9% uptime.
- Engineered automated ticketing and seat reservation systems using Stripe API and AWS Places, improving payment processing efficiency and reporting accuracy.

Software Developer (Freelance) — Remote
Self-Employed — *Jan. 2024 – Aug. 2024*
- Developed a Generative AI image pipeline using FastAPI and Groq LLM to automate custom T-shirt design workflows, reducing design turnaround time for production clients.
- Built a high-frequency trading bot using Python and IG Markets API, implementing webhook-driven execution with PineScript for real-time strategy signals.
- Deployed and secured a production Mailcow server, managing DNS, SSL, and spam filtering for mission-critical enterprise communication.

Software / Research Intern — USA (Remote)
Wellesley Digital — *Jun. 2023 – Dec. 2023*
- Led a team of 5 to deliver a behavioral analysis platform using Django and PostgreSQL, facilitating data collection for published academic research.
- Transformed raw research datasets into quantitative insights by developing custom Python data-processing scripts and visualization tables for research papers.

TECHNICAL SKILLS

Languages: Python, Go, JavaScript, TypeScript, SQL, HTML/CSS
Frameworks: React, Next.js, Django, FastAPI, Flask, TailwindCSS, Remix
Systems/Cloud: AWS (EC2, S3, SNS, SQS, ECR), Docker, Redis, PostgreSQL, Nginx, Caddy
Tools & Testing: Pytest, Vitest, Git, GitHub Actions, CI/CD, Ruff, Pre-commit

EXTRACURRICULARS

NACOSS Tutor (System Design & Analysis) — Lagos, Nigeria
- Selected as a peer tutor to mentor undergraduates on SDLC methodologies, UML modeling, and design patterns, improving student performance in core CS courses.

Competitive Programming — Online / Lagos
- Achieved a peak rating of **Specialist (1421)** on Codeforces; Placed 2nd at DevSprint DSA hackathon (2023 and 2025 editions)