

# Eti-ini Effiong-Robert

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Canadian Permanent Resident | Moving to Ottawa, ON (April 2026)

## EDUCATION

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### University of Lagos

*Bachelor of Science in Computer Science (First Class Honours; GPA: 4.68 / 5.0)*

Lagos, Nigeria

*Feb. 2022 – Aug. 2027*

## EXPERIENCE

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### Software Engineer

*Event Visionary LLC*

USA (Remote)

*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.
- Built a ticket sales and seat reservation system using the SeatsIO and Stripe APIs, and AWS Places for geolocation services, which has processed over \$60,000 in revenue.

### Software Developer (Freelance)

*Self-Employed, Upwork*

Remote

*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 custom SMTP server (Mailcow), managing DNS, SSL, and spam filtering for enterprise email communication.

### Software / Research Intern

*Wellesley Digital*

USA (Remote)

*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

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**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

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### 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)