

RAFIQUE ADAM CUDJOE

+233 544413229 ◊ Kumasi, Ashanti Region - Ghana

rafiqueacudjoe@gmail.com ◊ [linkedin.com/in/rafiquecudjoe](https://www.linkedin.com/in/rafiquecudjoe) ◊ github.com/rafiquecudjoe ◊ rafique.dev

PROFESSIONAL SUMMARY

Senior Software Engineer specializing in fintech and payments — crypto investment, Mobile Money, KYC, and Lightning Network. Deep expertise in NestJS microservices, third-party gateway integrations, and high-reliability webhook/idempotency patterns. Proven at scale: 10,000+ users on crypto platform, 99.5% payment success across 10K+ monthly transactions, 85% Jest coverage, 35% P95 latency reduction via Redis caching and query optimization.

SKILLS

Backend	TypeScript, Node.js, NestJS, Express, Python, Go, REST APIs, WebSockets, BullMQ
Frontend	Next.js, React
Data	PostgreSQL, MySQL, MongoDB, Prisma, TypeORM, Redis
Payments & Identity	Stripe, Stripe Connect, izico (3-D Secure), Paystack, PayFast, MTN MoMo, Escrow, Webhooks, Idempotency, Sumsub, Didit, Smile ID, Lightning (LND)
AI & Automation	Claude and OpenAI APIs, Zapier, HighLevel, n8n, WhatsApp API
DevOps & Deployment	Docker, GitHub Actions CI/CD, DigitalOcean Kubernetes, Coolify, Render, Nginx, Caddy, PM2, Linux servers, AWS (Lambda, S3, RDS, Cognito)
Monitoring	Prometheus, Grafana, Loki, Tempo, Alertmanager
Testing	Jest, Vitest, Playwright, OpenAPI 3

PROFESSIONAL EXPERIENCE

Full-Stack Developer (Freelance, Upwork)

Nov 2025 – Present

Top Rated | 100% Job Success | 20+ contracts

Remote

- Built and shipped the products listed under Selected Projects for clients in the US, Turkey and Ghana.
- Built a Phorest-to-HighLevel bridge that syncs salon bookings, contacts and appointments into the CRM, after the client's in-house attempt failed.
- Built Google OAuth and JWT sign-in across Next.js and NestJS apps.
- Connected HighLevel to other apps through Zapier webhooks.
- *NestJS, Next.js, TypeScript, PostgreSQL, HighLevel API, Zapier, Google OAuth*

Backend Software Engineer

Nov 2021 - Nov 2025

Ejara

Remote - Douala, Cameroon

- Architected modular NestJS microservices (auth, KYC, transactions, savings) supporting 10,000+ active users on a cryptocurrency investment platform.
- Standardized OpenAPI 3.0 + typed contracts, cutting frontend integration time 60% and engineer onboarding from 2 weeks to 5 days.
- Achieved 85% Jest test coverage (regression bugs –45%) and optimized PostgreSQL queries via indexes, CTEs, and pooling, lowering P95 latency 35% on endpoints handling 20K+ daily requests.
- Led incident response for 15+ production issues, cutting MTTR from 4 hours to 45 minutes through structured runbooks.
- Integrated identity verification and payment processor APIs with retry logic, exponential backoff, and webhook handling at 99.5% success rate.
- Mentored 3 junior engineers, improving PR throughput 40% and shortening review cycles from 3 days to 1 day.
- *NestJS, Prisma, TypeScript, PostgreSQL, API*

Software Developer (Contract)

Pilgrims Consulting Group

Aug 2021 - Oct 2021

Remote, USA

- Developed shortcode → JSON transformation library, cutting content migration time by 70%.
- Achieved 98% bug-free launch rate across 5 projects with structured QA passes.

SELECTED PROJECTS

EyesOnGround – US inspection marketplace

eyesonground.com

Sole developer: API, buyer and agent app, staff admin

- Buyers book a vetted local agent to inspect a vehicle, machine or boat; payment held in Stripe Connect escrow until the buyer approves the report. ID checks via Sumsu, then Didi; 3,000+ automated tests.
- *NestJS, TypeScript, Prisma, PostgreSQL, Redis, React, Stripe Connect, Sumsu, Didi*

Uretia – livestock and farm marketplace, Turkey

uretia.com

Sole developer, built from scratch: API, storefront and admin panel

- Listings with map search, feed prices, a market price index and verified sellers; BullMQ jobs for listing expiry and price alerts. Cut p95 response time from 338–452 ms to 199 ms.
- *NestJS, Next.js 16, TypeScript, Prisma, PostgreSQL, Redis, BullMQ, iyzico*

Fyndae – identity verification and KYC platform

fyndae.com

Built all of the NestJS API

- Identity checks for embassies, recruiters and law firms; PayFast payments with signature-checked payment notices and the sandbox-to-live cutover.
- *NestJS, TypeScript, Prisma, PostgreSQL, PayFast*

Choomiie – haulage, rides and parcels, Ghana

choomiie.com

Sole backend engineer

- Took over a 216-endpoint NestJS backend after auditing it; built a mobile-money wallet with escrow, dispute holds and WhatsApp booking.
- *NestJS, TypeScript, TypeORM, PostgreSQL, Redis, Paystack, MTN MoMo, Smile ID*

AI chat for a members' community (client private)

- Claude API chat with memory across rooms kept in PostgreSQL (no vector database), a block list for sensitive details, and daily and monthly AI spend caps.
- *Node.js, Express, PostgreSQL, Claude API*

LEADERSHIP & IMPACT

- Standardized API documentation (OpenAPI 3.0), reducing integration tickets by 50% across 4 frontend teams.
- Embedded test-first culture (80%+ coverage mandate), decreasing production defects by 45%.
- Created code review checklist accelerating engineer onboarding from 8 weeks to 3 weeks.
- Established incident playbook reducing MTTR by 55% and preventing 12+ recurring incidents.

EDUCATION

BSc Information Technology

2025 - 2028

Ghana Communications Technology University

Cloud Engineering Certificate, Azubi Africa

2023 - 2024

Full Stack Development Certificate, Pre-MEST & Codetrain

2020 - 2021