

RAYNAN WUYEP

Software Engineer • Full-Stack & AI Systems Builder

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TECHNICAL SKILLS

AI & Agentic Systems: LangGraph, LangChain, CrewAI, LLM orchestration (OpenAI/Claude/Gemini), NLP, TensorFlow, Scikit-learn

AI Dev Tools: Claude Code, Cursor, GitHub Copilot

Languages & Frontend: Python, TypeScript, JavaScript, React, Next.js, Node.js, Tailwind CSS

Backend & Infrastructure: FastAPI, Django, Flask, asyncio, Celery, Redis, PostgreSQL, MongoDB, Docker, AWS EC2, CI/CD

Tooling & Integrations: LangSmith, Sentry, OpenTelemetry, Prometheus • Stripe, Paystack, Slack/Telegram APIs • Geospatial (Sentinel, GDAL, NDVI)

EXPERIENCE

Founding Product Engineer | Markit

San Francisco, USA • Oct 2025 – Present

- Shipped the entire AI-powered influencer marketing platform solo, from prototype to production handling live brand campaigns, working through an AI-augmented workflow (Claude Code, Cursor) to deliver a system spanning 28+ agents and 15 background queues.
- Designed a multi-agent orchestration system (LangGraph) with 28+ specialised agents coordinating campaign workflows, creator sourcing, email outreach, and client reporting through a supervisor architecture with persistent state.
- Engineered a real-time creator discovery pipeline across YouTube, TikTok, Instagram, and X (6+ API integrations) with a 3-stage AI filtering system (brand fit, performance, size) processing thousands of creators per campaign.
- Built the full Slack-native interface: the product runs entirely inside Slack threads, handling multi-turn conversations, campaign state, and async task coordination via a custom event system.
- Architected background processing infrastructure: 15 Celery queues with Redis, rate-limited API orchestration, exponential-backoff retries, and fork-safe async workers handling enrichment, embedding generation, and long-running agent tasks.
- Shipped production observability across LangSmith (agent tracing), Sentry (errors), OpenTelemetry (distributed tracing), Prometheus (metrics), and Better Stack (structured logging).

Stack: Python, FastAPI, Django, LangGraph/LangChain, PostgreSQL, Redis, Celery, OpenAI/Claude/Gemini, Slack Bolt, Railway

Software Engineer | EEMS Limited

Abuja, Nigeria • Apr 2025 – Mar 2026

- Built a geospatial pipeline (Python, Sentinel-1/2, GDAL, NDVI) to map oil-contaminated land extent and track post-remediation vegetation recovery from satellite imagery, supporting the firm's environmental assessment and cleanup deliverables.
- Automated impact mapping previously done via manual ground survey, generating classified land-cover and change-detection outputs across project sites.
- Combined NDVI vegetation indices with Sentinel-1 SAR backscatter to distinguish oil-affected vegetation from seasonal variation, producing reproducible classified maps and time-series that fed directly into client impact-assessment reports.

Stack: Python, Sentinel-1/2, GDAL, GeoPandas, NDVI, raster change-detection

Front End Developer (Lead) | Techyteams

Abuja, Nigeria • Feb 2025 – Aug 2025

- Led front-end engineering, driving architecture decisions and code-review standards across the product.
- Increased application performance 25% (bundle optimisation, lazy loading) and stability 40% by resolving cross-layer state-sync bugs; introduced component-level testing and CI integration.

Stack: React, TypeScript, Redux, CI/CD

Full Stack Developer | Codekraftsmen

Abuja, Nigeria • Feb 2023 – Jan 2025

- Built core engines for multiple client products: scalable REST APIs serving thousands of daily requests, JWT/OAuth 2.0 authentication, and PostgreSQL/MongoDB schema design optimised for query performance and data integrity.

Stack: Node.js, REST APIs, PostgreSQL, MongoDB, JWT/OAuth 2.0

Web Developer (Contract) | Nigerian Government

Plateau State, Nigeria • Aug 2023 – Oct 2023

- Delivered a full-stack digital participation platform with citizen data management, achieving 95% cross-device compatibility.

Stack: React, Node.js, PostgreSQL

Front End Developer (Intern) | uLesson

Nigeria • Jun 2022 – Aug 2022

- Developed and maintained reusable UI components (React, TypeScript) and reduced reported UI issues by 20% through systematic bug resolution.

Stack: React, TypeScript

PRODUCTS

Outbid: Real-Time Upwork Job Intelligence SaaS

Founder & Solo Engineer • useoutbid.com • 2,000+ users across 40+ countries

- Architected a multi-layer scraping pipeline bypassing Cloudflare (rotating residential proxies, Docker-based bypass servers with failover, anti-detection automation), scanning 312K+ jobs and delivering 11.7M+ alerts to date.
- Engineered a high-throughput async system (asyncio, asyncpg pooling, FastAPI webhooks) processing 5,800+ jobs/day, matching 1,100+ user keyword sets, and delivering 414K+ personalised Telegram alerts daily within 60 seconds of posting.
- Built a dual-payment billing system integrating Stripe (global/USD) and Paystack (Nigeria/NGN) with webhook-driven subscription lifecycle, auto-renewal, promo codes with conversion tracking, and tiered regional pricing.
- Designed an AI proposal generation engine with multi-provider LLM fallback, semaphore-controlled concurrency, and a semantic fit-scoring system matching jobs against user profiles, generating 130K+ proposals.
- Ran full production infrastructure on AWS EC2 (Docker Compose, PostgreSQL, GitHub Actions CI/CD) with admin, broadcast, and user-management tooling.

Stack: Python, asyncio, PostgreSQL, Docker, FastAPI, Telegram Bot API, Stripe, Paystack, LLM APIs, AWS EC2

ATS-Zero: AI-Powered Job Hunt Copilot

Founder & Solo Engineer • atzero.com • 2,000+ users

- Architected a Manifest V3 Chrome extension (Plasmo, React, TypeScript) acting as an intelligent job-application copilot, scaling to 2,000+ active users.
- Engineered a two-stage DOM parsing engine to minimise browser lag: a lightweight background scanner injects a heavy data extractor only on verified job boards, with the injected React UI isolated via the Shadow DOM.
- Designed a serverless AI pipeline on Supabase Edge Functions, offloading heavy tasks (LLM resume tailoring, cover-letter generation, Puppeteer PDF rendering) to keep a minimal client-side footprint.
- Built an automated “Quick Autofill” system bridging complex user payloads to varied web forms, reducing a 15-minute manual workflow to 15 seconds, and managed strict MV3 service-worker lifecycle constraints (cross-origin auth sync, JWT refresh via chrome.alarms).

Stack: TypeScript, React (Plasmo), Supabase (Auth, Postgres, Edge Functions), Chrome Extensions API (MV3, Shadow DOM), LLM APIs

EDUCATION & CREDENTIALS

B.Sc. Computer Science (Technology) • Babcock University, Nigeria

2021 – 2024 • GPA: 4.21/5.0

Certifications: Machine Learning (Stanford University) • AI Development with Python (IBM)

Awards: Finalist, WEMA Bank Hackaholics 4.0 (Pixel-Push) • 1st Runner-Up, BUSA Fin/Tech Hackathon (RIGEL)