

ABRAHAM FOLORUNSO

Software Engineer | Backend Systems & Cloud Infrastructure

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SUMMARY

Software Engineer building web platforms, backend services and cloud infrastructure. Currently delivering end-to-end products for global startups as a Top Rated Upwork freelancer with a 100% Job Success Score across 30+ engagements. Proven track record of building banking and booking platforms, high-concurrency Go microservices, data pipelines and AI agents, deployed on AWS and GCP.

TECHNICAL SKILLS

Languages: Python, Go, TypeScript, JavaScript, Bash, C

Frameworks: React, Next.js, Vue.js, Nuxt.js, Node.js, NestJS, FastAPI, Django, Flask, Gin, Echo, Celery

Cloud Platforms: AWS (EC2, S3, Lambda, RDS, IAM), GCP (Compute Engine, Cloud Run, GKE, Pub/Sub, Cloud Storage)

Infrastructure: Docker, Kubernetes, Terraform, GitHub Actions, Nginx, Linux

Databases: PostgreSQL, MySQL, Redis, MongoDB, Firestore, BigQuery

Tools & Workflows: Playwright, Puppeteer, Selenium, Scrapy, n8n

Engineering: System Design, Distributed Systems, Microservices, REST, gRPC, ETL, RAG, LLM Agents, MCP

EXPERIENCE

Upwork | Full-Stack Engineer (Freelance): *Remote*

2023 - Present

- Deliver end-to-end web platforms and backend systems for startup clients across 30+ engagements, maintaining a 100% Job Success Score and Top Rated status
- Build client-facing web and mobile apps with React, Next.js and React Native, backed by FastAPI, Django, NestJS and Node.js services deployed with Docker on AWS and GCP
- Build data pipelines for clients, including asynchronous scraping and ETL, LLM-backed document processing and Playwright/Selenium automation running as scheduled background workers
- Harden each system with authentication, secrets management, rate limiting, retry and backoff strategies and monitoring, and support it through deployment and handover

Futurework Technologies | Full-Stack Engineer: *Mississauga, ON (Remote)*

Jan 2026 - Jun 2026

- Shipped multiple products including a booking platform for professionally managed homes covering monthly stays, relocations, work trips and short direct bookings
- Built the availability and pricing logic, preventing overlapping bookings with date-range constraints enforced at the database level
- Worked across API, frontend and deployment layers, moving between product implementation and release needs as launches required
- Built a scraping pipeline that collected 50,000+ Ontario property listings from multiple sources into structured datasets for automated outreach

RavenLabs NG | Full-Stack Engineer: *Nigeria (Remote)*

Jun 2025 - Dec 2025

- Built high-concurrency Go microservices (Gin) for subscription management and third-party SMS delivery, using goroutine worker pools and buffered channels to sustain throughput under load
- Designed and documented REST APIs consumed by web and mobile clients, defining contracts up front and iterating with frontend engineers during integration
- Wrote table-driven Go tests and integration tests around the delivery and billing paths, enforced as CI gates so regressions were caught before release

Trecco | Full-Stack Engineer: *Nigeria (Remote)*

Feb 2024 - May 2025

- Built a digital banking platform for agricultural farmers, from customer onboarding flows to account, ledger and transaction services
- Modelled the ledger schema for transactional integrity, using database transactions and append-only audit trails so balances stayed consistent under concurrent writes
- Implemented authentication and role-based access control across customer-facing interfaces and internal admin dashboards

PROJECTS

Krawlr: Company Intelligence Platform	<i>Python, Async Workers, Selenium, MCP, Terraform, CI/CD</i>
• Built the platform end to end: an asynchronous Python backend for large-scale crawling and extraction with job queues and scheduled workers, and the web interface for running crawls and browsing company data • Designed resilient ingestion with automatic retries and dead-letter handling, and exposed the platform to AI agents as callable tools through an MCP server • Provisioned the cloud resources with Terraform and set up a CI/CD pipeline, so infrastructure and deployments run from code instead of manual configuration	
EcoFlow AI: Real-Time IoT Digital Twin	<i>Python, GCP, Pub/Sub, Firestore, BigQuery, Docker</i>
• Global finalist at the Intelligent Planet Hackathon (KFUPM and Google Cloud), placing Top 25 of 2,000+ teams as the only African team; served as backend and cloud engineer • Containerised and deployed the full application stack (frontend, backend APIs and ML models) to GCP and managed the cloud infrastructure end to end • Designed hot-path/cold-path event processing for high-volume IoT streams, routing live events to Firestore for low-latency reads and batching history into BigQuery	
Cribra: AI Procurement Compliance Platform	<i>FastAPI, React, LangChain, ChromaDB, Docker, GCP</i>
• Built a full-stack platform that evaluates 100+ page scanned contractor submissions against procurement requirements, with a FastAPI backend, a React interface for reviewers and vision models reading documents with no text layer • Split evaluation into a deterministic rule engine for hard failures such as expired certificates and a RAG pipeline for evidence-based checks, pinning model calls to temperature 0 so results stay reproducible • Containerised the services with Docker and deployed them on GCP	

EDUCATION

Federal University of Technology, Minna B.Tech Building	Sep 2021 - Aug 2026
• Thesis: <i>Development of a Generative AI Agent for Automated Technical Compliance Evaluation in Nigerian Construction Procurement</i>	

CERTIFICATIONS

Google Cloud Certified: Professional Cloud DevOps Engineer	Sep 2026 - Sep 2028
Google Cloud Certified: Associate Cloud Engineer	Jun 2026 - Jun 2029
ALX Africa: Software Engineering Program	Sep 2024

COMMUNITY AND LEADERSHIP

CNCF Minna Organizer	2024 - Present
AWS Student Builder Group FUTMinna Captain	2025 - 2026
GDG on Campus FUTMinna Lead Organizer	2024 - 2026
FlutterFlow Student Ambassador	2024 - 2026