AKINLOLUWA OLUMUYIDE

Senior Software Engineer | AI Engineer

akinloluwaolumuyide@gmail.com | akinloluwa.dev | LinkedIn | github.com/pick-cee

SUMMARY

Software Engineer and Forward Deployed Engineer with 5+ years of experience building backend systems across gaming, fintech, edtech, software development agencies and security. Works with stakeholders to understand problems and deliver solutions from discovery through deployment and handover. Experienced in Node.js, TypeScript, distributed systems and AI agents.

SKILLS

- **Languages:** TypeScript | JavaScript | Golang (Go) | SQL.
- **Frameworks:** Node.js | Express.js | NestJS | Next.js | Vue.js | Expo | Gin | Chi.
- **Databases:** PostgreSQL | MongoDB | MySQL | Redis | Supabase | PostGIS | pgvector.
- **AI and Automation:** Claude API | Claude Agent SDK | MCP | n8n | Vapi | OpenAI embeddings | RAG | Apify | Firecrawl.
- **Tools and Cloud:** Git | GitHub Actions | Docker | AWS S3 | Vercel | Cloudflare | Postman | Swagger | BullMQ.
- **Delivery Skills:** Stakeholder Discovery | Solution Design | API Integration | Agent Evaluation | Deployment | Client Handover.

PROFESSIONAL EXPERIENCE

NESTCOIN (Metaverse Magna) Remote, Delaware, USA

Senior Backend Developer | Aug 2024 - Present

- Build Node.js and TypeScript microservices supporting millions of gaming interactions.
- Designed real-time matchmaking with Redis Streams, contributing to a 30% increase in gamer retention.
- Led Redis batching and database index improvements that cut inter-service latency by 40% and improved throughput under load.

KLOSANOW Remote

Senior Backend Developer and Security Engineer | Jan 2023 - Dec 2024

- Migrated file storage to AWS S3, cutting costs by 45% and increasing throughput by 50%.
- Refactored queries and indexes to support twice the data volume with response times below 100 ms.
- Implemented stronger encryption, contributing to a 50% reduction in security breaches.

KONECTIN Delaware, OH, USA

Backend Developer | Mar 2023 - Jul 2023

- Contributed to backend development and deployment with Express.js, reducing development time by 57%.
- Implemented authentication and authorisation that reduced unauthorised access incidents by 60%; built database solutions synchronising more than one million records.

TRUSOFT LIMITED Lagos, Nigeria

Backend Developer | Jan 2022 - Jul 2022

- Contributed to Node.js services supporting 5,000+ concurrent users, halving average request latency to 100 ms and reducing data retrieval time by 50%.
- Built REST endpoints and WebSocket notification channels, increasing engagement by 20%.

PROJECTS

Lead research and outreach agent
Koya Talent | Sept 2026

- Specified, built and deployed a staged agent with Claude Agent SDK, Apify, Firecrawl, Next.js and Supabase. A full run qualified 12 leads against a target of 10 and saved 48 outreach drafts with source-backed claims.

- Enforced spend limits, approval before paid searches, tool isolation and audit logs; excluded sending tools and removed personal contact data before storage.

Voice support agent
RelayPay | Sept 2026

- Built a deployed voice-support demo using Vapi, Claude Agent SDK, an eight-tool MCP server, Supabase and pgvector, with knowledge retrieval, record checks, ticket creation and human escalation.
- Validated replies against tool evidence before speech and made ticket creation safe to retry. Passed 22 of 24 end-to-end scenarios; measured a 4.6-second average turn in a live call.

EDUCATION

- **Babcock University | BSc Software Engineering**

  Ilishan-Remo, Nigeria | Jul 2019 - Jul 2023

CERTIFICATIONS

- Anthropic Claude Certified Developer, Foundations | Nov 2026
- CompTIA Security+ | Mar 2024
- ISC2 Certified in Cybersecurity (CC) | Feb 2024