SHEU (AHMAD) TIJANI

Software Engineer

tijanisheuolamilekan@gmail.com | linkedin.com/in/sheutijani | github.com/ahmaddev-codex | ahmaddev.space | +234 906 471 6260

SUMMARY

Software Engineer with 5 years of experience building production-grade distributed systems and deployment of cloud-native platforms across fintech, ecommerce, and AI-Integrated consumer products on AWS and GCP. Specializes in development and optimization of event-driven services, payment rails, context-driven AI products and enterprise applications scaled from internal teams to global users. Drives cross-functional product planning, reliability engineering, and leading engineers through technical trade-off discussions, system design reviews and incident response across global remote teams.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, HTML/CSS, SQL, Bash
Frameworks: React, Next.js, Vue.js, Node.js, Storybook, Express, Flask, Fastify
Storage: PostgreSQL, Redis, MongoDB, MySQL, AWS DynamoDB, AWS ElatiCache, AWS S3, Memcached
Compute: AWS ECS, AWS EC2, AWS Lambda, GCP Cloud Functions
Messaging and Streaming: Kafka Streams, RabbitMQ, WebSocket, Web Workers, REST APIs, Webhooks, ETL Pipelines
Deployment and Operations: CI/CD, GitHub Actions, Docker, Docker Compose, AWS AppConfig, AWS Cognito, Nginx
AI and Machine Learning: LLM API Integration, OpenRouter, PyTorch, Pandas, Numpy, Tensorflow
Payments and Observability: Stripe, Flutterwave, Sentry, Prometheus, Grafana

PROFESSIONAL EXPERIENCE

Wealthbeat | **Product Engineer** | Feb 2026 – May 2026

- Transformed the entire product into a token-driven design system from scratch in Figma, Storybook, and React (TypeScript); 120+ design tokens and 40+ WCAG-compliant components standardized across web and mobile, cutting feature UI build time ~35% across design and engineering.
- Improved initial page load by ~45% (4.2s → 2.3s LCP) using Next.js route-level code splitting and client state rewrites; served runtime feature flags through AWS AppConfig to ship experiments without redeploys.
- Ran technical reviews for a 5-person team; wired GitHub Actions linting and Sentry release tracking into CI, eliminating ~60% of escaped defects before staging.

Orion Softwares | **Software Engineer** | Apr 2024 – Jan 2026

- Engineered near real-time inventory synchronization across 3 regions and 12 warehouses (50k+ SKUs) with Node.js event-driven workers, RabbitMQ queues, and WebSocket fan-out, cutting stock sync delays from hours to seconds.
- Reduced inventory search p99 from ~3s to sub-200ms by tuning PostgreSQL with 15+ composite indexes and SQL query rewrites, layered with a Memcached/AWS ElastiCache read-through cache; a 95% latency reduction on 10k+ daily queries.
- Designed and launched the payment platform (Stripe REST APIs, idempotency keys, webhook retries) processing $500k+ annually with zero duplicate charges and 25% higher completion; monitored pipeline health with Prometheus and Grafana, with Sentry alerting cutting payment incident MTTR under 30 minutes.
- Built Kafka Streams ETL pipelines streaming 1M+ daily records to AWS S3, with Python (Pandas, Numpy) transformation jobs feeding a recommendation engine; deployed via Docker, Docker Compose, and GitHub Actions to AWS ECS/EC2 behind Nginx with zero-downtime releases.

Actualyze | **Software Engineer** | Jan 2023 – Mar 2024

- Launched context-driven AI features; LLM API Integration and autonomous Agents routed through OpenRouter inside a Next.js/Node.js product, backed by a Flask service serving PyTorch models and a Fastify multi-tenant REST API layer.
- Cut reporting API p99 from ~300ms to ~40ms with a Redis caching tier on Fastify endpoints; ran scheduled enrichment jobs on AWS Lambda and GCP Cloud Functions with session state in AWS DynamoDB.
- Secured the platform with AWS Cognito, JWT rotation, and RBAC across 5 client tiers; tracked errors and latency via Sentry, Prometheus, and Grafana, holding mobile crash rates under 0.5% at 2,500+ MAU.

ArtsLab Studio | **Frontend Engineer** | Jun 2021 – Dec 2022

- Built the gallery platform in JavaScript/React with a Vue.js admin dashboard over MongoDB and MySQL, cutting page load ~55% via code splitting and lazy loading; automated image compression with Bash scripts served through Nginx.
- Integrated Flutterwave for payment collection for gallery events and REST API consumption via Axios interceptors, reducing failed sessions ~30% on unstable networks.

SELECTED PROJECTS

Tutelee - Link | Global Live Tutoring Platform | *Next.js, Fastify, WebRTC (Daily.co), PostgreSQL, Redis*

- Architected real-time signalling over WebSocket on Fastify with session state in Redis for session scheduling, in-call chat, whiteboarding, video conferencing and real-time messaging with pin, reply and file sharing through chat.
- Designed and deployed search surfaces for advanced matching using Elasticsearch
- Built a webhook-driven escrow engine from manual reconciliation to Stripe handling multi-currency milestone releases with zero manual reconciliation.

GetCracked - Link | In-browser CS Sandbox and System Design Simulation | *React, TypeScript, WebAssembly, Web Workers, HTML5 Canvas*

- Runs 5 language interpreters client-side via WebAssembly in Web Workers; zero server compute, full offline capability.
- Spatial physics animation for an interactive canvas visualizer to render live microservice packet flows and data structure node movements

EDUCATION

Lagos State University | Bachelor of Science in Computer Science | 2022 – 2026 | CGPA: 4.25/5.0 | Minor: Data Analysis & Entrepreneurship
Holberton Schools x ALX Africa | Diploma in Software Engineering | 2023 – 2024 | Grade: 85.0/100

LEADERSHIP ACTIVITIES

President, LASU Tech Society | 2025 – 2026: Led cross-campus tech communities initiatives through workshops, bootcamps, and technical programs.

Technical Lead | 23'/24', Community Lead/Organizer | 24'/25', GDG on Campus: Organized 8+ technical workshops and programs; scaled from 1400+ to 2,500+ student developers; contributed to technical programs through mentorship and bootcamps; Organized TechX 3.0 and 4.0 flagship events; Interacted with Google Developer Experts.

Coordinator, UNDP x LASU Unipod AI/Robotics & Automation Lab | Jan 2026 – Present: Develop internal platform for pod booking, resource allocation, project management and innovator onboarding.

CERTIFICATIONS & AWARDS

Meta Backend Developer Certificate, 2024 | Meta Frontend Developer Certificate · 2024 | Google UX Design Certificate, 2023 | Zindi Africa × Microsoft Azure AI Grant, 2023 | Google Developer Grant | Udacity × AWS Machine Learning Grant