

JOSHUA INYANG

+234 905 518 8600 | joshuainyang255@gmail.com | linkedin.com/in/joshua-emmanuel-inyang | github.com/bouncei |
<https://www.bouncei.dev>

PROFESSIONAL SUMMARY

Full-Stack Engineer with 6+ years of experience shipping production systems across web, mobile, and browser-extension platforms using Python and TypeScript/JavaScript (Node.js, React, React Native, Next.js). Proven track record building LLM-enabled products end-to-end, agentic pipelines with tool-calling, RAG and embedding-based search, real-time SSE streaming architectures, and multi-tab browser automation agents. Strong expertise in debugging complex distributed systems, architecting fire-and-forget backend pipelines, and owning vertical slices from backend services through native mobile clients. Experienced in designing reproducible environments with Docker and CI/CD, and in building data pipelines using PostgreSQL, MongoDB, Redis, Elasticsearch, and Weaviate to power evaluation workflows and continuous quality improvement.

PROFESSIONAL EXPERIENCE

Cinesis (Skywaze Inc.)

Senior Software Engineer

December 2025 - Present

Berkeley, CA, USA

- Primary engineer across multiple production apps in the Cinesis AI dispatch platform, owning the mobile app, browser automation agent, and two real-time dispatch dashboards end-to-end.
- Architected an AI load-fit evaluation pipeline using LLM tool-calling over MongoDB with Google Maps deadhead enforcement, plus a daily preference-extraction cron parsing trucker voice and SMS history into structured lane, equipment, rate, and broker preferences.
- Built a Python CLI and fire-and-forget backend pipeline for automated load-board search, with multi-tab orchestration, canonical-ID deduplication, and Redis-backed concurrency control.
- Delivered a React Native and Expo SDK 54 mobile app with a Firebase and backend JWT auth flow, secure token storage with auto-refresh, multi-source SSE streaming with progressive batching, EAS multi-environment builds with OTA updates, and PostHog session replay with PII masking.
- Shipped a real-time dispatch dashboard (React 19, Vite, shadcn/ui) backed by SSE over Redis pub/sub with exponential-backoff reconnect and REST fallback, optimistic action controls with undo confirmation, templated email compose, and hybrid client/server filtering over the live event buffer.
- Architected a Chrome MV3 browser automation agent orchestrating concurrent load-board tabs via backend-driven commands, with DOM-observation parsing, TTL-based per-job deduplication, and startup-sync recovery reconciling in-flight jobs after extension reload.
- Built a Slack dispatch bot with slash commands, Events API mentions, third-party conversation history integration, and a book-from-Slack flow; extended with Gmail service-account email ingestion and outbound reply endpoints.
- Shipped analytics dashboards with Recharts, multi-provider regional breakdowns, and CSV/JSON export with unit tests, plus a search-monitoring dashboard with URL-synced filters and reusable search workflows.

ThinkNodes

Founding Fullstack Engineer

April 2025 - October 2025

New York, NY, USA

- Led architecture and delivery of Sales Parrot, an AI-powered sales automation platform, taking the product from inception to production.
- Architected LLM-driven features, including conversational agents, intelligent lead scoring, personalized outreach, and AI-assisted chat orchestration pipelines.
- Engineered a hybrid backend architecture using FastAPI, PostgreSQL, and Weaviate, enabling both structured queries and semantic/embedding search across leads and campaigns.
- Engineered scalable data pipelines for lead ingestion and enrichment, integrating CoreSignal and Elasticsearch to support high-volume, verified lead pulls.
- Established end-to-end platform reliability, implementing CI/CD pipelines, Dockerized deployments, email integrations (Google Workspace, Outlook, SMTP), and a modular React frontend for campaign and lead management.

The House Of Sounds

Senior Fullstack Engineer

June 2022 - April 2025

London, England, United Kingdom

- Led development and launch of Yarn, a mobile-first music platform, driving architecture, implementation, and production delivery.
- Integrated third-party and platform APIs, including Spotify, enabling account sync and in-app access to users' music libraries.

- Shipped AI-powered features, including an LLM-based songwriting assistant to enhance creative workflows.
- Engineered real-time, engagement-driven systems, implementing notifications, activity tracking, and subculture-based content feeds to improve retention.
- Streamlined financial management features, providing artists and fans with structured resource allocation and project tracking tools.
- Shipped scalable end-to-end solutions using React Native (Expo), TypeScript, Node.js, Next.js, Supabase, PostgreSQL, Firebase, and Zustand, collaborating closely with product and design teams.

Codelabprojects

July 2024 - October 2024

Mobile Engineer (Contract)

Federal Capital Territory, Nigeria

- Optimized and refactored a React Native (Expo) e-commerce application using TypeScript, improving performance and load times by 38%.
- Implemented real-time customer-rider communication, implementing in-app chat and a customer support module to improve user experience and retention.
- Enabled location-aware logistics features, enabling accurate pickup/delivery pinning and reliable delivery time calculations.
- Reengineered state management with Zustand, improving scalability, data consistency, and application stability.

TWEN

February 2023 - November 2023

Software Engineer (Contract)

Maryland, USA

- Contributed to the design and delivery of full-stack web applications, working across frontend and backend features using React, Next.js, Node.js, TypeScript, and PostgreSQL.
- Collaborated in an Agile, cross-functional environment, participating in sprint planning, backlog grooming, code reviews, and iterative feature delivery.
- Implemented RESTful APIs and backend business logic, supporting data persistence, authentication flows, and integration with third-party services.
- Translated product and client requirements into clean, maintainable, user-focused frontend components
- Managed parallel project workstreams, balancing priorities across multiple client engagements while meeting delivery timelines and quality standards.
- Improved code quality and maintainability through refactoring, adherence to team standards, and peer reviews, contributing to stable production releases.

Barnksforte Technologies Limited

December 2022 - June 2023

Web Developer & QA (Internship)

Federal Capital Territory, Nigeria

- Contributed to the development of a government-facing web application for the National Population Commission using React.js and Node.js, supporting improved data integrity and reporting accuracy.
- Developed responsive, user-focused frontend interfaces with React.js, ensuring accessibility, performance, and cross-browser compatibility.
- Developed analytical dashboards and data visualizations, enabling real-time insights and improving decision-making efficiency for internal stakeholders.
- Performed quality assurance and validation, testing application workflows, identifying defects, and supporting fixes to improve overall system reliability.
- Conducted technical and market research, producing reports that informed product decisions and process improvements.

DoWell Research

September 2020 - February 2022

Data Analyst

Remote

- Conducted statistical analysis and modeling using Python and SQL to support research, forecasting, and data-driven decision-making.
- Built data preparation and analysis pipelines, cleaning, transforming, and validating datasets to ensure accuracy and reproducibility of results.
- Developed analytical reports and visual summaries, translating complex statistical findings into clear insights for non-technical stakeholders.
- Collaborated with cross-functional research teams, iterating on analysis requirements and refining methodologies based on feedback.
- Ensured data integrity and reliability, applying statistical validation techniques and documenting assumptions, limitations, and results.

Weblulue

September 2019 - June 2020

Junior Software Engineer

Federal Capital Territory, Nigeria

- Contributed to application development and system integrations, improving data flow and reliability between internal services.

- Implemented and maintained software features, using structured logic and flow-based design to support clear, testable implementations.
- Troubleshoot and resolved defects across application and system layers, improving stability and reducing recurring issues.
- Researched and evaluated tools and technologies, supporting informed technical decisions and incremental platform improvements.

SKILLS

Skills: TypeScript, Python, FastAPI, SEO, Retrieval-Augmented Generation (RAG), Agile, Blockchain, Docker, LangChain, AWS (EC2, Lambda, S3), Google Cloud Platform, GraphQL, MongoDB, Redis, Embedding Models, Web Development, React Native, Expo, Android Development, Elasticsearch, OpenAI API, Hugging Face Transformers, LangGraph, Prompt Engineering, Agent Frameworks, Agent2Agent, Similarity Search, Weaviate, Pinecone, Azure, CI/CD, Mentorship / Team Leadership, Kotlin, iOS/Swift, Express.js, Node.js, Nest.js, gRPC, Linux, GCP, Rust, Bash, SQL

Languages: French, English

EDUCATION

Bayero University, Kano

Bachelor's, Statistics

September 2018 - March 2022

Harvard University

Certification, Computer Science

September 2020 - December 2020