

JOSHUA INYANG

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www.bouncei.tech/

PROFESSIONAL SUMMARY

Full-Stack Engineer with 6+ years of experience delivering production-grade systems using Python and TypeScript/JavaScript (Node.js, React, Next.js). Proven track record building and scaling backend services and LLM-enabled features, including RAG pipelines, embeddings, and semantic search. Strong expertise in debugging complex systems, conducting rigorous code reviews, and improving system reliability. Experienced in designing reproducible development environments with Docker and CI/CD, and in building data-driven pipelines using PostgreSQL, MongoDB, Elasticsearch, and Weaviate to support evaluation workflows and continuous quality improvement.

PROFESSIONAL EXPERIENCE

KeenVPN

Full Stack AI Engineer

Brooklyn, New York, NY, USA

October 2025 - Present

- Owned end-to-end delivery of KeenVPN, leading architecture and production releases across backend, web, Android, and Apple platforms.
- Designed and scaled a TypeScript backend (Node.js, Express) powering authentication, subscriptions, server orchestration, and AI inference endpoints.
- Built native VPN clients for Android (Kotlin) and iOS/macOS (Swift), implementing secure tunneling, background networking, and OS-level permissions.
- Led reliability and release engineering, establishing CI/CD pipelines, automated testing, strict typing, and containerized deployments.
- Drove security and privacy best practices, including JWT/OAuth authentication, encrypted secret management, and platform-level safeguards.

ThinkNodes

Founding Fullstack Engineer

New York, NY, USA

April 2025 - September 2025

- Led architecture and delivery of Sales Parrot, an AI-powered sales automation platform, taking the product from inception to production.
- Designed and implemented LLM-driven features, including conversational agents, intelligent lead scoring, personalized outreach, and AI-assisted chat orchestration pipelines.
- Built 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.
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- Delivered 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

London, England, United Kingdom

June 2022 - April 2025

- 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.
- Designed and shipped AI-powered features, including an LLM-based songwriting assistant to enhance creative workflows.
- Built 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.
- Delivered 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

Federal Capital Territory, Nigeria

Mobile Engineer

July 2024 - October 2024

- Optimized and refactored a React Native (Expo) e-commerce application using TypeScript, improving performance and load times by 38%.
- Built real-time customer–rider communication, implementing in-app chat and a customer support module to improve user experience and retention.
- Delivered 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

Maryland, USA

Software Engineer

February 2023 - November 2023

- 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.
- Built responsive and user-focused interfaces, translating product and client requirements into clean, maintainable 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

Federal Capital Territory, Nigeria

Web Developer & QA

December 2022 - June 2023

- 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.
- Built 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

Remote

Data Analyst

September 2020 - February 2022

- 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

Federal Capital Territory, Nigeria

Junior Software Engineer

September 2019 - June 2020

- 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, Postman, Redis, Embedding Models, Web Development, React Native, Expo, Android Development, IOS, Elasticsearch, OOP, Docker, 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, Rust, Nest.js, gRPC, Linux, Bash, GCP

Languages: French, English

EDUCATION

Bayero University, Kano

Bachelor's, Statistics

September 2018 - March 2022

Harvard University

Certification, Computer Science

September 2020 - December 2020