

EBUBECHUKWU IDAM

TECHNICAL LEAD | FULL-STACK & PLATFORM ENGINEERING

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PROFILE

Technical Lead and Full-Stack Software Engineer leading a streaming engineering team and providing technical leadership across other projects. Experience delivering web, mobile, and connected-TV applications across media, financial services, insurance, and real estate. Combines hands-on development with technical direction, backend architecture, platform integration, and production troubleshooting.

CORE EXPERTISE

Leadership: Team leadership, technical direction, code review, cross-functional collaboration

Backend: Python, FastAPI, Django, Flask, Node.js, REST, GraphQL, event-driven systems

Applications: TypeScript, JavaScript, React, Next.js, React Native, BrightScript, SceneGraph

Data & infrastructure: PostgreSQL, Redis, RabbitMQ, AWS, Docker, Git, CI/CD

Streaming: Roku, VOD and live playback, media catalogs, publishing, localization, entitlements

CURRENT EXPERIENCE

MANSA TV

Engineering Team Lead - Streaming & Content Platform | Current role

- Lead the streaming engineering team, combining technical direction and hands-on delivery across the Roku experience, backend APIs, content services, and release infrastructure.
- Develop the BrightScript/SceneGraph Roku application across VOD, live TV, program guides, search, deep linking, and playback controls; implement RevenueCat/Roku Pay subscriptions, entitlement checks, and purchase recovery.
- Architect and implement a Python/FastAPI backend-for-frontend with versioned REST APIs for catalog, authentication, live channels, and personalization, including favorites, Continue Watching, and durable playback checkpoints.
- Extend Axinom Mosaic Media, Catalog, and Entitlement services using TypeScript, Node.js, GraphQL, and PostgreSQL for country targeting, platform visibility, subscription metadata, and vertical video series.
- Implement AI-assisted localization and React editorial workflows with approval, audit history, and failure recovery; build content-health tracking for ingestion, publishing, catalog synchronization, and license expiry.
- Build Expo/React administration and FastAPI control-plane services for configuration, feature flags, rollback, and cache operations; automate Docker delivery to AWS ECR/App Runner with GitHub Actions and device verification.

AladdinMiles

Full-Stack Software Engineer | Current role

- Deliver merchant and administrative workflows with React Native, Expo, and TypeScript, translating Figma designs into catalog management, venue onboarding, and order operations.
- Implement fulfillment workflows covering tracking, shipment bundling, warehouse handoffs, and shipping labels, alongside merchant cashflow, pricing, payout, and currency-aware order views.
- Build support chat, order proposals, and role-scoped notifications across frontend and Python/FastAPI services; strengthen access controls and routing for administrators, merchants, and warehouse staff.
- Expand English, Arabic, and Chinese localization, including right-to-left layouts; improve reliability through regression tests and TypeScript and ESLint checks.

EBUBECHUKWU IDAM

PROFESSIONAL EXPERIENCE

Rhino New York LLC

Senior Software Engineer | From May 2021 | United States

- Built and improved bulk property-upload workflows supporting 1,000+ properties, reducing errors by 75% and improving partner onboarding and administration.
- Developed a claims subrogation system to support recoveries and improve loss-ratio management.
- Built and maintained shared frontend libraries and internal tools; monitored application vulnerabilities and supported consistent development practices.

National Petroleum Investment Management Services

Senior Software Engineer | Jan 2021 - Apr 2021 | Nigeria

- Developed a real estate analytics application for cataloguing properties, comparing locations, and examining price trends across five or more years.
- Implemented the frontend with React, Next.js, and TypeScript, with Python services using Flask and Django.

Aladdin Digital Bank

Senior Software Engineer | Jun 2020 - May 2021 | Nigeria

- Managed the mobile application team and structured the development process to deliver an MVP combining financial services, e-commerce, and community features.
- Built mobile and backend features spanning payments, bill payments, loans, e-commerce, and social functionality; monitored releases and resolved defects.

Keystone Bank Limited Insurance

Senior Software Engineer | Jun 2019 - Jun 2020 | Nigeria

- Led the design, development, and launch of an insurance mobile application enabling customers to purchase policies without a sales representative, contributing to sales growth of over 12% by the end of the first quarter.
- Digitized policy purchasing, certificate generation, and claims submission; implemented background processing, recurring-event monitoring, and push notifications.

Cortts Limited

Senior Software Engineer | Sep 2013 - Sep 2019 | Nigeria

- Developed and maintained business-management software covering client records, payroll, payments, invoicing, bank transactions, and account reconciliation.
- Built web and mobile tools for agents to access, add, and share property information internally and with clients, using React/Next.js and Python services.

SELECTED PROJECTS

Roku Codex Toolkit: Reusable tooling for device automation, diagnostics, flow verification, and release preparation.

Amezra Real Estate: Property and client management platform using React Native/Expo, FastAPI, and PostgreSQL.

EDUCATION

B.Sc. Computer Science | Nnamdi Azikiwe University | 2018

PROFESSIONAL DEVELOPMENT

Introduction to Data Science | Microsoft / edX