

Chidiebere Ibiam

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Senior-leaning Mid-Level Software Engineer (Backend / Full-Stack)

Software Engineer with 4+ years of experience building and scaling production systems across healthcare, AI, and legal-tech domains. Strong background in backend architecture, API design, and distributed systems, with hands-on ownership of frontend delivery, cloud infrastructure, and CI/CD pipelines. Experienced in AI-powered systems (RAG, LLM orchestration) and leading small engineering teams. Proven ability to ship reliable, secure, and scalable products aligned with business outcomes.

Technical Skills

Languages: Python, JavaScript

Frameworks & Libraries: Django, Django REST Framework, React, LangChain, LangGraph, FastAPI

Databases: PostgreSQL, MySQL, MongoDB, Redis, CockroachDB, TrinoDB

AI / Data Systems: Retrieval-Augmented Generation (RAG), LLM pipelines, semantic search, vector-based retrieval

Infrastructure & DevOps: Docker, AWS, CI/CD pipelines, Linux, GitHub Actions, Jenkins

APIs & Real-Time: RESTful APIs, WebSockets, Socket.IO, third-party integrations

Engineering Practices: System design, performance optimization, secure system design, testing, documentation, Agile/Scrum

Professional Experience

9jaTelemedicine - Full-Stack Software Engineer (Technical Lead)

Remote (Nigeria) | Aug 2024 – Present

- Led the design, development, and deployment of multiple production-grade web platforms in healthcare and service-oriented domains.
- Owned full-stack delivery: translating Figma designs into high-quality frontend implementations and building secure, scalable backend services.
- Designed backend architectures handling sensitive healthcare-related data, with emphasis on security, reliability, and data integrity.
- Built and maintained REST APIs, database schemas, and core business logic supporting real-world user traffic.
- Deployed and managed cloud infrastructure and CI/CD pipelines, improving deployment reliability and reducing release friction.
- Acted as technical lead across projects, driving architectural decisions, coordinating contributors, and ensuring delivery timelines.

Selected Work: CashPay Clinics · 3AS Therapy Services · TaskArise · 247 Digital Hub

Kuhstomatica - Backend / AI Systems Engineer

Remote (USA) | Apr 2024 – Present

- Designed and implemented context-aware AI systems using LangChain and LangGraph to enable intelligent reasoning over proprietary datasets.
- Built Retrieval-Augmented Generation (RAG) infrastructure, allowing users to query internal documents using large language models.
- Architected backend systems for an enterprise-grade eDiscovery platform serving law firms and legal professionals.
- Implemented document ingestion, indexing, semantic search, and contextual retrieval pipelines at scale.
- Led and mentored a team of engineers, conducting reviews and enforcing backend and system design standards.
- Developed scalable APIs and data pipelines to support high-volume document processing and AI inference workloads.

Dowell Research UK Ltd - Backend Software Engineer

Remote (UK) | Apr 2023 – Aug 2024

- Led backend development for a customer support and ticketing platform used across multiple internal teams.
- Designed and optimized backend services, improving request latency, throughput, and system reliability.

- Mentored and coordinated a team of engineers, ensuring consistent delivery and code quality.
- Implemented CI/CD pipelines to automate testing and deployments, significantly reducing release cycles and operational overhead.
- Partnered with product and business stakeholders to translate requirements into scalable backend solutions.

Ria Consulting - Backend Software Engineer

Nigeria · Onsite | Jul 2022 – May 2023

- Engineered backend architecture for a CRM platform supporting client and workflow management.
- Built scalable REST APIs using Django and MongoDB to support complex business logic.
- Optimized database queries and backend workflows to improve performance and scalability.
- Collaborated cross-functionally to deliver features aligned with business requirements.

Kartexa - Full-Stack Developer Intern

Remote (India) | Feb 2023 – Apr 2023

- Built a certificate generation platform with QR-code-based verification.
- Delivered full-stack functionality using Django, Python, HTML, CSS, and Bootstrap.
- Reduced manual processing and improved reliability of certificate issuance workflows.
- Participated in testing, deployment, and production optimization.

Hypercodes - Backend Engineering Intern

Nigeria · Onsite | Nov 2021 – May 2022

- Assisted in backend development across internal tools and client-facing systems.
- Implemented REST APIs and backend features using Django and Python.
- Worked with relational and NoSQL databases, authentication flows, and backend debugging.
- Contributed to testing, bug fixing, and deployment preparation under senior engineer guidance.

Education

Postgraduate Diploma (PGD), Information Technology

National Open University of Nigeria - Abuja · May 2025

Bachelor of Technology (B.Tech), Computer Science

Akanu Ibiam Federal Polytechnic - Ebonyi State · Feb 2022

Engineering Focus

- Backend and API design at scale
- AI-powered systems and LLM infrastructure
- Secure, production-grade software
- Ownership, leadership, and delivery
- Systems thinking and performance optimization