

IKENNA EMERUCHE (MBBS)

Senior Software Engineer
5+ years of experience

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WORK HISTORY

National Hospital
Oct 2024 - Nov 2025
Abuja, Nigeria

Medical Doctor (House Officer)

- Completed a one-year rotation in Medicine, Surgery, Obstetrics & Gynaecology, and Paediatrics
- Led the Internal Medicine HO team as **House Officers' Representative**.

OpSuccess
Apr 2024 - Feb 2025
Remote, U. S

React Native Developer

- I built and maintained **cross-platform mobile features**, focusing on **performance optimization, seamless navigation, and API integrations**.
- Collaborated closely with design and backend teams to deliver scalable, user-centric mobile experiences and **increased user retention by as much as 15%**.

IgniteTech
Apr 2023 - Dec 2023
Remote, U. S

Technical Consultant

- Integrated generative AI** into Jive, an enterprise collaboration platform, to boost engagement through intelligent content recommendations and real-time analytics.
- Improved frontend **performance**.
- Implemented **multilingual support** in a React/Next.js codebase.

Aurea Software
Jun 2020 - Apr 2023
Remote, U. S

Software Engineer

- Rebuilt the Jive legacy mobile app into a **performant hybrid application** using React Native, GraphQL, TypeScript, and JavaScript.
- Maintained a large-scale web app** by resolving customer-reported defects in Java, HTML, and CSS.
- Wrote unit and end-to-end tests**, and conducted exploratory testing to
- Improved app stability, efficiency and **load time by 35%**.

EDUCATION

University of East
London,
United Kingdom
2024-Present

MSc. Data Science

Enrolled in the Master's program in Data Science at the University of East London, concentrating on data-driven insights and their impact on healthcare and medical research.

Abia State University,
Nigeria
2015-2022

Bachelor of Medicine, Bachelor of Surgery (MBBS)

Completed medical training and earned MBBS degree; **licensed as a medical doctor**. Coursework and clinical rotations provided deep insight into healthcare systems, patient care, and medical data practices.

SKILLS & EXPERTISE

- React & React Native
- Next.js & TypeScript
- JavaScript, HTML, CSS
- GraphQL & REST APIs
- Supabase, Firebase
- Shopify Storefront API & Headless Commerce
- Node.js
- Git & Jira
- No-code and AI vibe coding
- Medical and Clinical Practices
- Clinical Workflow Understanding
- Codebase maintenance
- Software development
- Unit & End-to-End Software Testing
- Generative AI Integration
- Technical Writing & Developer Relations
- Cursor, ChatGPT, CapCut

WRITING & PUBLICATIONS

Educative.io Course
2023

How to Gatsby: The Complete Course

Authored a comprehensive course on building modern websites with Gatsby (React & GraphQL), featuring performance optimization techniques and best practices.

Educative.io Course
2021

Ethereum Blockchain Development with Solidity and Next.js

Authored a hands-on course teaching developers to build decentralized applications with Solidity smart contracts and Next.js frontends.

Technical articles
2019–Present

Blog

Published 30+ technical articles (2019–2025) on personal blog and developer communities. Topics include frontend development, content distribution strategies, SEO, health, and emerging tech insights, reflecting ongoing engagement with the tech community.

SIDE PROJECTS & PERSONAL LAUNCHES

Crosspost

<https://trycrosspost.com>

Crosspost is a powerful content publishing tool for developers and technical writers. It lets you write once and instantly publish to platforms like Medium, Dev.to, Hashnode, LinkedIn, Ghost, and more.

Sepolia Drop

<https://sepoliadrop.com>

SepoliaDrop is a free faucet for Ethereum on the Sepolia test network. It provides developers building on the blockchain free tokens to test, build and participate in activities on Ethereum.

Rebook

<https://getrebook.com>

Rebook is a platform that will let Nigerian readers to trade in their used and read books for tokens that can be redeemed for new books, airtime, bill payments or other services. It will let books to be recycled and promote decluttering.