**Okpo Ikenna Emeruche**

E-mail | [LinkedIn](https://LinkedIn.com/in/emeruche) | [Portfolio](https://coleruche.com/)

**Senior Frontend and Mobile Engineer | Blockchain Developer**

Highly-motivated and performance-oriented engineer with a proven track record of designing and implementing innovative web solutions. Proficient in translating UI/UX designs into responsive and interactive user interfaces, employing a strong foundation in HTML, CSS, and JavaScript. Adept at leveraging cutting-edge frameworks, such as React and React Native to create seamless and visually appealing applications. Ability to analyze user requirements and deliver innovative, secure, and scalable decentralized applications (dApps). Proven ability to communicate complex technical concepts effectively, both within the development team and to external stakeholders.

***Core Competencies***

Frontend Development | Mobile application development | Generative AI Training & Workshops | Software Defect Resolution | Technical Writing | Software Documentation | Backlog Management | Plugins Development | UI Enhancements Performance Optimization | Integration Real-Time Data Updates | Algorithm Development | Cross-Functional Collaborations | Turnover Reduction | Code Maintenance | Blockchain Protocols | Consensus Algorithms

**Professional Experience**

**Aurea Software** April 2024– Present

***React Native (Mobile) Developer*** –Contract, Remote

As a React Native developer at Aurea, I develop and maintain mobile applications and middlewares, focusing on feature integration and performance optimization across platforms.

**Karmicare** 2023– Present

***Shopify and React Developer*** –Part-time, Remote

I develop, maintain and implement features for the headless store for Karmicare using Shopify as the backend. The headless frontend is managed with React.js, Next.js, Dato CMS and Redis.

**Educative** 2021 – 2023

***Course and Technical Author*** –Remote

Created and developed comprehensive courses on various topics including Next.js, Gatsby, and Solidity. Involved in technical writing and course development.

**IgniteTech** July 2023 – December 2023

***L2 Technical Consultant* | Senior Software Engineer** –Remote

* Actively engaged in Generative AI training and workshops, gaining practical expertise in GenAI technologies.
* Attained substantial advancements in Jive Mobile's functionality, encompassing refined content metrics, notification systems, and inbox displays, coupled with an elevated user experience through improved search, tagging, and overall performance enhancements.
* Resolved and managed the entire backlog of software defects, showcasing strong problem-solving skills and significantly improving system reliability and performance.
* Developed and released multiple addons and plugins, including Advanced Community Cleanup, Ideation plugin, Advanced Editor plugin, Mega Menu addon, etc.
* Contributed to the improvement of @hand, focusing on UI enhancements for better responsiveness on mobile devices and implementing features such as par level block to restrict sales agents from exceeding allowed quantities.
* Spearheaded the transformation of Jive Mobile by introducing innovative features such as idea and task content types, localized app versions in German, Spanish, Italian, and other languages.
* Achieved 15% higher productivity, 38% greater job satisfaction, 24% lower turnover, and 17% fewer IT tickets based on verified data from hundreds of Jive customers.

**Aurea** 2020 – 2023

***Software Engineer*** –United States (Remote)

* Executed comprehensive end-to-end testing protocols while assisting QA team and facilitating swift iteration of new features.
* Collaborated with a dynamic feature team focused on transforming an existing mobile application into an innovative hybrid app by applying technologies including React Native, GraphQL, TypeScript, and JavaScript to drive successful reconstruction efforts.
* Addressed customer-reported defects and bugs in a sizable web application with legacy code by utilizing Java, CSS, and HTML.
* Crafted unit and end-to-end tests to guarantee the seamless functionality of the product, ensuring it meets the desired specifications.
* Elevated project efficiency and stability through strategic exploratory testing, swiftly resolving issues with targeted bug fixes.

**Independent Web Consultant** 2019 – 2020

***Frontend Developer***–United States (Remote)

* Oversaw the seamless integration of a vital feature, enabling image uploads to a backend service.
* Enhanced the user experience by leveraging REST API services to efficiently fetch and display data on the frontend.
* Conducted a critical code refactoring initiative to optimize performance, eliminating redundant uses of Redux state management introduced by the previous engineer, thereby mitigating potential bugs and loopholes.
* Elevated the overall design and usability of the application by implementing strategic UI enhancements and modifications.
* Developed a portfolio website for a top industry expert, boosting their professional online presence.

**Beed.ng** 2020

***Frontend Web Developer***–Nigeria

* Crafted the user interface of the web application using React and Bootstrap.
* Collaborated on the development of the front-facing aspect of the application to ascertain a smooth user experience.

**EDUCATION**

Abia State University | **Bachelor of Surgery - MBBS, Medicine and Surgery**

SoloLearn | **Software Engineering | Web Development**

**TECHNICAL SKILLS**

React | React Native | JavaScript | TypeScript | Jira | Git | Solidity | Java | CSS | Next JS | Vercel | HTML | Tailwind CSS | Webflow | Shopify and Storefront API | GatsbyJS

**CERTIFICATIONS AND AWARDS**

**Hacktoberfest Award of Completion |** DEV Community
**Ethereum and Solidity: The Complete Developer's Guide
Hacktoberfest Certificate of Completion**

**PUBLICATIONS**

**How to Gatsby: The Complete Course -** Educative, Inc. (<https://www.educative.io/courses/how-to-gatsby-the-complete-course>)

**Function Modifiers in Solidity** (<https://medium.com/coinsbench/function-modifiers-in-solidity-3acf4c166784>)

**Top 5 Testnet Ethereum Faucets** (<https://coinsbench.com/top-5-testnet-ethereum-faucets-762d32b74eb2>)

**Blog - [(https://coleruche.com/blog)](https://coleruche.com/blog)**