

O'Brien Adedapo Taiwo

obrienadedapo15@gmail.com | +2348114957554 | obrien-adedapo.com | github.com

Profile

Full-stack developer with expertise in building complete, end-to-end web applications across web2 and web3. Specializing in creating visually appealing and highly interactive frontends with React.js and Next.js, while architecting scalable backend solutions with NestJS. Experienced in designing RESTful APIs, managing databases, implementing secure authentication systems, and developing smart contracts with Solidity. Passionate about delivering seamless user experiences and staying current with emerging technologies across the entire development stack.

Technical Skills

- **Frontend:** React.js, Next.js, Redux, Tailwind CSS, React Hook Form, TanStack Query, TypeScript
- **Backend:** NestJS, Node.js, REST APIs, GraphQL, TypeORM, Prisma
- **Blockchain:** Solidity, Smart Contracts, Wagmi, Hardhat.
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Developer Tools:** Docker, Git, Mocha

Experience

Frontend Developer | Atlantic Fenders & Support Service | Nov 2025 - Present (Contract)

- Rejoined development team for phase two of maritime ERP system, continuing from previous engagement.
- Work alongside fullstack and backend developers to enhance and expand platform features.
- Maintain and improve responsive frontend interfaces for operational efficiency.

Backend Developer | HNG Internship | Oct 2025 - Dec 2025

- Developed production-ready backend services including wallet systems with payment integration and image processing microservices.
- Built scalable RESTful APIs using NestJS with PostgreSQL, implementing JWT authentication and API key management.

- Collaborated in cross-functional teams with frontend developers, designers, DevOps engineers, QA testers, and product managers.
- Worked on team-based projects following agile methodologies and professional development workflows.

Frontend Developer | Head of Department, Computer Science, FUNAAB | Sep 2024 - Feb 2025

- Developed a comprehensive library administration platform from the ground up.
- Collaborated with backend developer and UI/UX designer to build interactive modern dashboard interfaces.
- Implemented responsive data visualization and modular components for enhanced user experience.

Frontend Developer | Atlantic Fenders & Support Service | Sep 2024 - Jun 2025 (Contract)

- Joined development team to contribute to ERP solutions for maritime operations.
- Created responsive user interfaces optimized for performance and usability.
- Collaborated with a cross-functional team to deliver features within project timelines.

Frontend Web Developer | Exceleron Technologies Ltd | Nov 2024 – Jan 2025 (Contract)

- Developed and maintained the frontend web application, ensuring high-quality user experiences.
- Collaborated directly with the Chief Technology Officer (CTO) and development team to deliver the project on schedule.
- Implemented best practices for code quality, performance optimization, and accessibility.

Frontend Developer Intern | HNG Internship | Aug 2023 – Oct 2023

- Completed weekly frontend development projects with tight deadlines.
- Collaborated with backend developers and designers on various projects.
- Gained hands-on experience with modern web development workflows and tooling.

SIWES Intern | ICT Resource Centre, FUNAAB | Aug 2023 – Jan 2024

- Supported ICT staff in daily technical operations and digital administration.
- Gained practical exposure to web technologies, programming fundamentals, and teamwork in an ICT setting.

Education

- Bachelor of Science (B.Sc) in Computer Science | 2021–2024 | Federal University of Agriculture, Abeokuta, Ogun State, Nigeria.
- West African Senior School Certificate (WASSCE) | 2014–2018 | Providence High School, Ibadan, Oyo State, Nigeria.

Certifications

- Responsive Web Design Certification | freeCodeCamp | 2023 | [freecodecamp.org](https://www.freecodecamp.org)
- JavaScript Algorithms and Data Structures | freeCodeCamp | 2023 | [freecodecamp.org](https://www.freecodecamp.org)

Interests

Watching movies, series, and anime | Listening to music | Following football | Exploring emerging technologies