

Jerry Aaron Agbo

Senior Frontend / Product Engineer

React • Next.js • TypeScript • FinTech • Scalable Product Architecture
Abuja, Nigeria | +2348063908852 | jerry.aaron45@gmail.com
LinkedIn: linkedin.com/in/aaron-agbo | GitHub: github.com/gfellah45

PROFESSIONAL SUMMARY

Senior Frontend / Product Engineer with 6+ years of experience building scalable, high-performance web applications and enterprise fintech platforms. Strong production experience with React, Next.js, TypeScript, modern state management, REST API integration, authentication, RBAC, reusable component architecture and data-heavy operational interfaces. Proven record delivering Banking-as-a-Service, payment infrastructure, merchant products and business-banking workflows within the VFD Group ecosystem, while leading frontend architecture and mentoring engineers.

CORE SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3/SCSS, Tailwind CSS, ShadCN UI, Radix UI, Vue 3, Nuxt 3

State & Data: Redux Toolkit, RTK Query, Zustand, SWR, Pinia, REST APIs, API caching

Architecture & Quality: Frontend Architecture, Atomic Design, Component Systems, Authentication, RBAC, Performance Optimization, Responsive UI, Accessibility, Jest, Vitest, Cypress

Backend & Delivery: Node.js, NestJS, Express.js, PostgreSQL, Redis, BullMQ, Microservices, AWS, Docker, GitHub Actions, CircleCI, Vercel

PROFESSIONAL EXPERIENCE

Senior Frontend / Product Engineer | Product Studio Limited (formerly VTECH, VFD Group) | March 2022 - Present

- Lead frontend engineering across fintech, Banking-as-a-Service (BaaS), payments, merchant infrastructure and internal operational products, translating complex financial workflows into scalable product experiences.
- Architect and deliver production applications with React, Next.js, TypeScript, Vue and Nuxt, emphasizing reusable components, maintainability, performance and secure API-driven workflows.
- Built the complete frontend for a BaaS platform enabling merchants to integrate wallets, KYC, collections, debit mandates and cards without building their own core banking infrastructure.
- Designed merchant-facing sandbox and live environment workflows and integrated REST APIs for authentication, transactions, account management and financial operations.
- Led the frontend redesign of VFD Microfinance Bank's Payment Portal V2, implementing authentication, user management, RBAC, payments, reporting and audit workflows for 50+ internal operations users.
- Extended Payment Portal as the internal administration and approval layer for VBank Business (VBiz), supporting business onboarding and corporate banking approval workflows.
- Built reusable frontend systems and component patterns that improved UI consistency and reduced feature delivery cycles by 40%+.
- Optimized application performance by 45% through strategic caching, code splitting, lazy loading and dynamic imports.
- Provide technical direction and mentorship to frontend engineers while collaborating closely with backend, product, DevOps, compliance and business teams.

Selected Backend Contribution - Wallet Service for Bvndle

- Core contributor and ongoing maintainer of a NestJS/PostgreSQL wallet microservice supporting wallet creation, funding, transfers, withdrawals, gift-card redemption, balance queries and internal ledger operations.
- Used Redis for caching/distributed application requirements and BullMQ for queued and scheduled background processing; worked with REST-based and selected event-driven service communication.

Front-End Engineer | EveryFarmer EcoSystem (Remote) | January 2021 - November 2021

- Spearheaded frontend architecture for an agri-tech social platform connecting 1,000+ farmers, investors and agribusinesses.
- Owned the UI layer using React.js and Next.js, building responsive, reusable product interfaces and integrating backend APIs.
- Enhanced component performance and state management, improving application responsiveness by 35%.
- Technologies: JavaScript, React.js, Next.js, Redux/RTK, Chakra UI.

Front-End Developer | Livrite Healthcare (Remote) | July 2020 - January 2021

- Developed key components of BIMREC, a healthcare platform used across Nigerian hospitals.
- Led a three-member frontend team delivering doctor and patient portals and reusable React component systems.
- Optimized reusable workflows, reducing new feature delivery time by 25%, and integrated REST APIs with attention to reliability and maintainability.
- Technologies: JavaScript, React.js, Redux, Material UI, Sass.

Front-End Developer (Intern) | DevCareer (Remote) | February 2020 - August 2020

- Contributed to DevCareer's primary website and internal tools using React.js, Gatsby, Redux, Material UI and Sass, improving maintainability and UI quality.

Front-End Developer (Intern) | Component Limited | 2019 - 2020

- Built responsive web interfaces and reusable UI components using JavaScript, HTML and CSS while collaborating through Git-based development workflows.

SELECTED PRODUCT & DOMAIN EXPERIENCE

BaaS & Merchant Platforms: End-to-end frontend ownership across wallets, KYC, collections, debit mandates, cards and sandbox/live merchant integration workflows.

Payments & Business Banking: Internal payment operations, salary/expense payments, approvals, reporting, audit logs, VBiz administration and corporate onboarding workflows.

Technical Leadership: Frontend architecture ownership, cross-functional delivery and mentorship of three frontend developers.

EDUCATION

Higher National Diploma (HND), Electrical & Electronics Engineering

Federal Polytechnic Bauchi