

CHUKWUMA ONUOHA U.

Senior Frontend Engineer | Full-Stack Product Developer

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PROFESSIONAL SUMMARY

Accomplished Senior Frontend Engineer with 6+ years of progressive experience architecting and scaling production-grade web applications across fintech, AI/ML, edtech, e-commerce, Web3, and communication automation platforms. Proven track record of leading cross-functional teams, designing modular frontend systems, and delivering performance-optimized solutions that drive measurable business outcomes. Advanced proficiency in React, Next.js, TypeScript, and state management frameworks (Redux Toolkit, Zustand, TanStack Query). Recognized for translating complex product requirements into scalable codebases while fostering engineering excellence through mentorship and architectural leadership.

EDUCATION

University of Uyo | Uyo, Nigeria

Bachelor of Engineering, Computer Engineering | 2017 – 2023

Relevant Coursework: Computer Programming (Python, C++), Algorithms & Data Structures, Database System Design, Numerical Analysis, Introduction to Artificial Intelligence, Engineering Mathematics

Nigerian Army College of Environmental Science and Technology (NACEST) | Nigeria

Ordinary National Diploma, Computer Engineering | 2017

TECHNICAL COMPETENCIES

Category	Skills & Technologies
Frontend Frameworks	React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, SASS/LESS
State Management	Redux Toolkit, Zustand, TanStack Query (React Query), Context API
Testing & Quality	Jest, React Testing Library, Cypress, Storybook, ESLint, Prettier, Code splitting
UI/Design Systems	Tailwind CSS, Styled Components, Material UI, shadcn/ui, Figma, Responsive Design
DevOps & Infrastructure	Git, GitHub Actions, Docker, AWS (S3, CloudFront), Vercel, Netlify
Backend & APIs	RESTful APIs, GraphQL, Ethers.js, Web3 integration, Real-time data synchronization
Leadership & Methodology	Technical Leadership, Mentorship, Code Architecture, Agile/Scrum, Cross-functional Collaboration

PROFESSIONAL EXPERIENCE

Nouvells | Remote

Nouvells Web Application – AI-Powered Recruitment Platform

Senior Frontend Engineer | April 2024 – Present

- Architected React component system and Redux Toolkit layer, mentoring 2–3 junior engineers with improved team velocity by 35%

- Engineered recruiter dashboards with AI-integration modules automating 60%+ of manual HR processes, reducing time-to-hire by 3 weeks
- Optimized rendering achieving 2.8s LCP and 95+ Lighthouse scores; reduced bundle size by 42%
- Established 50+ component library with Storybook, reducing duplicate code by 60%

### **Maketmasta – E-Commerce Marketplace**

*Senior Frontend Engineer | January 2025 – Present*

- Designed modular React architecture with Redux supporting vendor onboarding and 99.2% uptime
- Improved conversion rate by 40%, reduced cart abandonment by 35%, page load by 28%
- Engineered responsive interfaces achieving 90+ Lighthouse scores with PWA capabilities
- Implemented analytics tracking informing product roadmap decisions

### **OpenFactor Technology Group | Remote**

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#### **MTN MoMo PSB – Payment Services Platform**

*Senior Frontend Developer | August 2025 – Present*

- Architected Redux Toolkit for payment state orchestration reducing runtime errors by 38%
- Optimized UX delivering sub-500ms transaction updates with 96+ Lighthouse scores and 2.1s FCP
- Integrated KYC/AML workflows ensuring regulatory compliance
- Designed error handling achieving 99.7% transaction success rate, reduced support escalations by 42%

#### **FinSys – Core Banking Platform**

*Senior Frontend Engineer | December 2023 – Present*

- Led UI architecture for cloud-native core banking platform serving financial institutions
- Delivered 35% improvement in load time through code splitting and caching strategies
- Implemented real-time WebSocket communication for account synchronization
- Established component patterns reducing time-to-market for features by 25%

#### **Qiniso – Digital Identity Platform**

*Senior Frontend Engineer | March 2025 – Present*

- Led frontend development using React, TypeScript, Vite with TanStack Router and Query
- Engineered KYC/AML verification flows with secure biometric integration
- Achieved sub-2s load times and 94+ Lighthouse scores; improved conversion by 31%
- Built audit-ready compliance reporting with advanced fraud detection interfaces

### **Start Innovation Hub | Uyo, Nigeria**

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**Co-Founder & Senior Trainer, Frontend Development** | December 2021 – August 2024

#### **SendPouch – Communication Automation Platform**

- Co-founded enterprise communication automation platform for Email, SMS, Social Media campaigns
- Architected dashboard and campaign management system with Redux Toolkit
- Built AI-assisted email studio achieving 40% faster campaign setup through intelligent templates
- Launched production MVP with scalable component architecture and API patterns

#### **RoyalmineVTU – Digital Utility Services Platform**

- Led frontend architecture for fintech platform supporting 50+ utility services (airtime, data, bills)
- Optimized transaction UX reducing latency by 32%; achieved 98.5% transaction success rate
- Reduced support volume by 38% through robust error handling and retry logic

- Improved user engagement by 45% with comprehensive activity logs and analytics dashboards

## **Truparse – Software Engineering Agency**

- Mentored junior developers on React best practices and production-ready architecture
- Contributed to multiple client projects across diverse industries and tech stacks
- Established coding standards and documentation improving team velocity

## **GOPUS | Uyo, Nigeria**

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### **Frontend Developer & Co-Product Manager | November 2022 – June 2023**

#### **GOPUS – eLearning Management Platform**

- Architected React frontend with Redux Toolkit for complex educational workflows
- Engineered course dashboards, assessments, and student analytics modules
- Integrated backend APIs for progress tracking, authentication, and role-based access
- Optimized performance achieving 94+ Lighthouse scores and sub-2s load times
- Improved learner retention by 30% through UI/UX enhancements and WCAG 2.1 compliance

#### **Texas 6-Hour Defensive Driving Course**

- Built interactive educational module using HTML5, CSS3, and vanilla JavaScript
- Implemented state management for multi-step course progression and automated scoring
- Engineered responsive interface supporting desktop, tablet, and mobile devices
- Achieved sub-1s load times with broad browser support (IE11+, modern browsers)
- Deployed certification-ready course meeting Texas Department of Licensing requirements

## **Adveras Global | Benue State, Nigeria**

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### **Hardware Technician – Manager | 2017 – 2021**

#### **Technical Phase (2017 – 2018)**

- Diagnosed and resolved complex hardware faults with 95%+ first-time fix rate
- Mastered chip-level diagnostics and troubleshooting across diverse device architectures

#### **Management Phase (2020 – 2021)**

- Led hardware technician team establishing service standards and documentation
- Implemented ticketing and inventory management system reducing wait time by 15%
- Improved parts tracking accuracy by 25% and accelerated service delivery

## **HACKATHON PROJECTS**

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### **Autherah Watcher – Web3 Community Intelligence Platform | Filecoin & Ethereum Nigeria Hackathon**

- Built community-driven Web3 application with React and Ethers.js smart contract integration
- Architected user flows for data submission, community verification, and knowledge base access
- Engineered responsive interface with Web3 wallet authentication and transaction handling

### **InqBlock – Decentralized Web3 Knowledge Repository | Based Africa Hackathon**

- Built Next.js application with SSR for optimal performance and discoverability
- Integrated decentralized storage (IPFS/Arweave) for immutable content persistence
- Implemented community verification consensus mechanisms for content validation.

## LEADERSHIP & VOLUNTEERING

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**Technical & Media Team Lead** | School of Mentorship | 2024 Led technical and media team managing digital presence and content platforms

**Programs/Project Manager & Lead Web Developer** | Graduate Advancement Program, School of Mentorship | 2025 Managing GAP project lifecycle and leading web platform development

**Media Director** | Victory Chapel, Uyo | 2023 Directed all media operations including live streaming and content distribution

**Creative Director** | 5stones Consult | 2025 Provided creative direction for client projects ensuring high-quality design and UX

**Web Developer & Instructor** | @qaffinity | 2022 Developed educational web applications and instructed developers in modern frontend technologies.

## CORE STRENGTHS

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**Technical Excellence:** Full-stack frontend architecture, scalable component design, performance optimization, accessibility (WCAG), responsive design, state management mastery

**Product Thinking:** User-centric design, feature prioritization, cross-functional collaboration, product roadmap definition, data-driven decision making

**Team Leadership:** Mentorship, code review architecture, technical documentation, Agile/Scrum practices, knowledge sharing, engineering culture building

**Innovation:** Web3/blockchain integration, AI-assisted features, real-time systems, fintech expertise, educational technology, communication platforms

**Communication:** Technical documentation, stakeholder alignment, cross-team collaboration, complex problem articulation, thought leadership