Okwudili Joshua Odumodu

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Professional Summary

Frontend/Mobile Engineer with **6+ years** building production-grade applications serving **8,000+ users**. Expert in **React Native, React.js, Next.js, and TypeScript** with proven ability to deliver complex cross-platform mobile apps, AI-powered platforms, and healthcare applications with **FHIR integration**. Recently built Bumpit dating app MVP (**84 UI components, 95 API integrations**) and scaled Tublian platform from **100 to 8,000 users**. Specialized in transforming designs into responsive, performant interfaces and mentoring junior developers.

Work Experience

Mobile/Frontend Developer

Bumpit Inc. (Ms. Soumya Mandalapu) | March 2025 - December 2025 | USA (Remote)

Location-based dating application

- Developed production-ready **React Native** dating app MVP (**62MB iOS, 27MB Android**) serving **15 beta users** before client handover
- Built **84 UI components** (**44 full screens + 40 modals**) including **12-step signup wizard**, real-time chat, and group communities
- Integrated **95 REST API endpoints** across **10 major features**: authentication, discovery engine, location-based groups, blind dates, messaging, identity verification, payments, notifications, and profile management
- Architected **AI server infrastructure** for intelligent matchmaking and developed **AI-powered recommendation engine** for optimized user interactions
- Delivered MVP in **8 months** collaborating with backend engineer, UI/UX designer, and product manager in agile sprints
- Mentored junior frontend developer on admin dashboard development, establishing reusable component patterns

Frontend Consultant (Part-time)

Tublian | January 2025 - November 2025 | Ohio, USA (Remote)

- Provided ongoing technical consultation and mentorship to development team on **React.js, TypeScript**, and frontend architecture
- Supported troubleshooting and technical decision-making for **AI-powered platform features**
- Maintained platform knowledge and codebase familiarity for specialized development projects

Lead Frontend Engineer

Tublian | November 2022 - December 2024 | Ohio, USA (Remote)

AI-powered platform empowering developers to build software businesses

- Scaled platform from **100 to 8,000+ users** while leading frontend development of **57 routes and 563 reusable components**
- Architected and shipped **5 AI-powered features**: **Tublian OS** (GitHub PR automation), **Job's Copilot** (ATS resume generator), Open Source project finder, 8020 learning accelerator, and Tublibot chatbot
- Led major codebase modernization: migrated **JavaScript to TypeScript**, upgraded Material-UI to MUI, and refactored components reducing **code duplication by 40%**
- Interviewed, hired, and mentored junior developer who successfully took over frontend maintenance after comprehensive knowledge transfer
- Collaborated with CTO, designer, and cross-functional team across **3 time zones** using **Git and AWS**

Frontend Developer

Ms. Soumya Mandalapu | October 2024 - February 2025 | USA (Remote)

Unspokenn - Anonymous abuse reporting platform across the United States
- Rebuilt entire web application from scratch in **4 months** after previous team failed to deliver in **1+ year**
- Developed **17 pages and 101 React components** including complex multi-stage reporting wizard with **13 specialized components**
- Created **21 reusable common components** establishing scalable design system and implemented responsive design supporting screens down to **320px width**
- Built **4 separate portals**: public landing site, user dashboard, admin panel with **9 filtering options**, and public case tracker
- Deployed successfully to https://unspokenn.com/ using **React.js, TypeScript, and Tailwind CSS**

Web Developer

Mr. Emeka Dijeh | October 2024 - November 2024 | Canada (Remote)

- Developed responsive corporate website for Nigeria-based services firm using **HTML, CSS, and JavaScript**
- Built **6 key pages** and optimized **SEO** helping client secure multiple new contracts

Frontend Developer

Comron Saifi | May 2024 - June 2024 | USA (Remote)

Healthcare scheduler application with EPIC FHIR integration and MyChart connectivity

- Built responsive user interfaces for appointment scheduling system using **React.js and TypeScript**
- Implemented **FHIR-compliant** data handling and integration with **EPIC healthcare systems** and MyChart patient portal
- Developed **proof of concept (PoC)** demonstrating core scheduling functionality with healthcare data integration
- Ensured adherence to **healthcare data standards and privacy regulations** in frontend implementation

Frontend Developer - AI Hackathon (Team Textuary)

lablab.ai | May 2024 | Remote

Benin Multimodal AI Hackathon - AI-powered agricultural visualization platform

- Built frontend for **voice-to-text-to-image generation platform** converting local language voice prompts into farming visuals
- Explored and evaluated **OpenAI, Hugging Face, and Ollama** for multimodal AI capabilities
- Implemented features for static and animated agricultural visualizations breaking **language barriers** for rural communities

Web Developer

Chika Odumodu Foundation | January 2024 - March 2024 | Houston, Texas, USA (Remote)

- Designed and built responsive charity website using **HTML, CSS, and JavaScript** for Nigerian empowerment foundation
- Integrated dynamic features showcasing foundation projects and optimized **SEO** to increase visibility

Web Developer

Passport Parliament | July 2023 - October 2023 | Lagos, Nigeria (Remote)

- Developed official website for travel agency using **HTML, CSS, JavaScript** with responsive design
- Implemented interactive features (service listings, inquiry forms, testimonials) improving conversion rates

Frontend Developer

Multiple Organizations | 2018 - 2022

Completed 8+ projects across startups and organizations:

- **Anambra Techies** (Aug-Oct 2022): Secured **2nd place** in SMFest Hackathon developing Fundin startup funding platform using **Next.js**.

- **Sungoldtech** (Aug-Sep 2022): Built Girma mentorship platform using **Next.js and atomic design system**.
- **Dillali** (Mar-Apr 2022): Contributed to financial management tool across **web, mobile, and website codebases** using **React.js, TypeScript, React Native**.
- **Excel2SQL** (Nov 2021-Jan 2022): Developed full-stack application importing Excel data into **MySQL**. Led agile sprints using **PHP**.
- **UK GINIE Portal** (Jan-May 2021): Reverse-engineered frontend/backend for grants platform. Maintained **PostgreSQL** database using **React.js and Koa.js**.
- **Krosa Model Schools** (Jan 2020-May 2021): Developed customized results portal with student grading, PIN-based access, and admin dashboard.
- **Gerald Saltus** (Dec 2019-Feb 2020): Built **Express.js** passport scanning application using **Google Cloud Vision OCR API**.
- **Dumofield Farms** (Mar-Dec 2018): Led stock inventory management development. Migrated from VBA/MS Access to **Laravel MVC**.

Technical Skills

Mobile Development: React Native, Expo, NativeWind, React Navigation, iOS/Android deployment

Frontend Development: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3

Styling & Design: Tailwind CSS, Material-UI (MUI), Ant Design, Styled Components, Responsive Design

Backend Technologies: Node.js, Express.js, Koa.js, REST APIs, MongoDB, MySQL, PostgreSQL, PHP, Laravel

AI & Integration: OpenAI API, Hugging Face, Ollama, FHIR Integration, EPIC Healthcare Systems, MyChart

Tools & DevOps: Git, GitHub, AWS, Vercel, Figma-to-Code, CI/CD, Agile/Scrum

Other Skills: State Management (Context API, Redux), Performance Optimization, SEO, Web Accessibility (WCAG), Healthcare Compliance, Team Leadership & Mentoring

Education

Bachelor of Engineering in Chemical Engineering

Nnamdi Azikiwe University, Anambra, Nigeria

January 2008 - August 2013

References

Available upon request