

# TOCHUKWU C. NWOSA

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## PROFESSIONAL SUMMARY

Results-driven Frontend Engineer with 3+ years of proven expertise building scalable, high-performance web applications using React, Next.js, and TypeScript. Demonstrated ability to take full ownership of features from conception to production, delivering measurable improvements in engagement (30%) and performance (40% faster load times). Strong collaborator with cross-functional teams, combining technical excellence with a user-focused approach. Experienced with state management, API integration, accessibility standards, and modern frontend tooling. Passionate about delivering exceptional user experiences and staying current with emerging technologies.

## TECHNICAL PROFICIENCIES

**Core Technologies:** React.js, Next.js (SSR/SSG), TypeScript, JavaScript (ES6+), HTML5, CSS3/SASS, Tailwind CSS

**State Management:** Redux, Zustand, Context API, React Query

**API & Backend:** RESTful APIs, Node.js, Express.js, MongoDB, Supabase, OpenAI API integration

**Tools & Build Systems:** Git/GitHub, Vercel, Webpack, Vite, Cypress, Lighthouse, CI/CD pipelines

**UI/UX & Design:** Figma, Responsive Design, WCAG Accessibility Standards, Framer Motion, Design Systems

**Methodologies:** Agile/SCRUM, Performance Optimization, Cross-browser Compatibility, Component-driven Development

## PROFESSIONAL EXPERIENCE

### **Frontend Developer (Full-Time)**

*Kinplus Technologies, Ado-Ekiti / Nov 2023 – Present*

- Led end-to-end frontend development of a Learning Management System (LMS) platform serving 500+ daily active users, taking full ownership from feature planning through production deployment
- Collaborated closely with product managers, UI/UX designers, and backend engineers to translate design specifications into high-quality, reusable React components with seamless API integration
- Achieved 30% increase in user engagement through implementation of gamified dashboards and strategic UI enhancements focused on user experience improvements
- Optimized application performance by refactoring site architecture, implementing code-splitting, and optimizing asset delivery, resulting in 40% faster page load times and improved Lighthouse scores
- Developed intelligent course filtering system using optimized database queries, debounced API calls, and efficient state management, significantly enhancing search functionality
- Established robust testing infrastructure using Cypress for end-to-end testing and set up CI/CD pipelines to ensure stable releases and maintain code quality across deployments
- Ensured cross-browser compatibility and responsive design across multiple devices, maintaining consistent user experience on desktop, tablet, and mobile platforms
- Actively participated in agile ceremonies, code reviews, and contributed to team documentation and best practices, fostering a culture of continuous improvement

## KEY PROJECTS & INITIATIVES

### **Claimmate – Claims Management Platform | [claimmate.vercel.app](https://claimmate.vercel.app)**

- Built production-ready claims submission and management tool using Next.js, TypeScript, and Tailwind CSS with focus on real-world usability and enterprise-grade architecture
- Implemented secure authentication flow, comprehensive API integration, and modular component structure following scalable design patterns

- Optimized performance through lazy loading, image optimization, and efficient state management, ensuring fast load times and smooth interactions

#### **Tech LinkUp – Professional Networking Platform | [tech-linkup.vercel.app](https://tech-linkup.vercel.app)**

- Developed event-based networking platform featuring real-time filtering, dynamic content rendering, and custom UI components built with React and modern frontend patterns
- Designed scalable architecture with reusable logic, component library, and clean separation of concerns to facilitate future feature expansion
- Managed complete user journey from landing page through core interactions using focused design system and accessibility-first approach

#### **CORE COMPETENCIES**

- **Feature Ownership:** End-to-end ownership of features from conception through deployment, treating product outcomes as personal responsibility
- **Cross-functional Collaboration:** Strong communication skills with proven ability to work effectively with product, design, and backend teams
- **Performance Optimization:** Deep understanding of frontend performance metrics, Core Web Vitals, and optimization techniques
- **Problem-Solving:** Analytical mindset with curiosity about emerging technologies and passion for solving complex technical challenges
- **User-Centric Development:** Attention to detail and consistent focus on improving user experience through accessible, responsive, and intuitive interfaces

#### **EDUCATION**

##### **Bachelor of Engineering (B.Eng.), Electrical and Electronics Engineering**

*Federal University of Technology, Owerri / 2019*