OKAN PERPETUAL ISI
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Portfolio: https://isi-portfolio2-qktv.vercel.app/

PROFESSIONAL SUMMARY

Full-Stack Developer with 3+ years of experience delivering **scalable, high-performance web applications**. Skilled in **React, TypeScript, Node.js, Firebase, and API integrations**, with proven expertise in both frontend architecture and backend logic. Experienced in building **end-to-end solutions**, including authentication, real-time features, server-side functionality, and CMS/WordPress-based projects.

Brings an **engineering mindset** focused on clean architecture, maintainability, performance optimization, and ownership of features from database to UI.

CORE TECHNICAL SKILLS

Frontend Engineering
React.js, TypeScript, JavaScript (ES6+)
Component-driven architecture & reusable UI systems
State management (Context API, Redux)
Performance optimization (code splitting, lazy loading, memoization)
Tailwind CSS, HTML5, CSS3, responsive & accessible design (WCAG)
Vite, modern build tooling

Backend & Full-Stack
Node.js, Express.js (REST APIs)
Firebase Authentication & Firestore (real-time database)
WebSockets for real-time features
API design & integration
WordPress / CMS customization & plugin development
Secure authentication flows & protected routes

Engineering Practices & Tooling
Git & GitHub (branching, PRs, code reviews)
Automated testing (Jest, React Testing Library)

CI/CD & deployment (Vercel, Firebase Hosting)
Agile/Scrum collaboration

PROFESSIONAL EXPERIENCE

Full-Stack Developer / Freelance — Remote | 2022 – Present

- Delivered **15+ production-grade web applications**, owning both frontend and backend architecture.
- Built **API-driven interfaces**, integrating backend services with Node.js, REST APIs, and Firebase.
- Implemented **real-time features** using WebSockets and Firestore for interactive apps and games.
- Developed secure authentication flows, protected routes, and role-based access for multiple clients.
- Designed reusable UI components to improve frontend efficiency and maintainability.
- Collaborated in **Agile workflows**, including sprint planning, code reviews, and CI/CD deployment.

Frontend Engineering Intern — Andela (Remote) | 2024

- Developed reusable React components and optimized state management across projects.
- Contributed to testing, code reviews, and Agile development processes.

Frontend Developer Intern — TechHub Africa (Lagos) | 2024

- Assisted in building responsive, accessible, and high-performance web applications.
- Supported senior developers in feature development, debugging, and refactoring.

Open-Source Contributor — GitHub & Online Communities | 2023 – Present

- Contributed bug fixes, UI improvements, and documentation.
- Refactored components and implemented full-stack features in community projects.

FEATURED PROJECTS

Vendor – Full-Stack eCommerce Platform
React, Firebase, Vite, Tailwind CSS

- Built a complete eCommerce platform with authentication, product listings, cart, and checkout flow.

- Integrated Firestore for real-time inventory management and order updates.
- Optimized frontend for performance and responsiveness across devices.

Multiplayer Trivia Game (Real-Time, Full Stack)
React, TypeScript, Node.js, Firebase, WebSockets

- Developed a real-time multiplayer game with live state synchronization.
- Implemented secure authentication, persistent sessions, and leaderboards.
- Designed modular frontend for performance during frequent state updates.

Movie Search Application
React, OMDb API, CSS

- Built a movie search interface with **debounced API calls** and dynamic routing.
- Delivered a lightweight, responsive UI with clear user experience focus.

EDUCATION

Bachelor of Science (B.Sc.) – Banking & Finance
Ambrose Alli University | 2018

LANGUAGES

English – Proficient