Waleed Ahmed

Frontend Developer

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RELEVANT EXPERIENCE

Founder & Frontend Engineer — *ZoidAI* — Sep 2025 — Present

- Architected and shipped a production multi-tenant SaaS platform from scratch using **Next.js 14**, **React**, and **TypeScript**, handling complete frontend infrastructure including routing, state management, and deployment on Vercel
- Built **real-time WebSocket-based** voice testing interface with live transcription display, implementing complex state synchronization between client and server for seamless user experience during active calls
- Implemented comprehensive authentication flows using **Supabase Auth**, including organization-based multi-tenancy with role-based access control (owner/admin/member), email verification, and protected route middleware
- Designed and developed **admin dashboards** with interactive data visualizations for call analytics, usage tracking, and billing management, integrating **Stripe Customer Portal** and checkout flows for subscription management
- Created responsive file upload UI with drag-and-drop support, progress tracking, and real-time sync status indicators, managing document state across dual knowledge bases (VAPI and pgvector)

Software Engineering Intern — *Iki Design Studio* — Jan 2024 — Apr 2024

- Developed frontend for a financial modeling web application using **React** and **Chart.js**, building reusable dashboard components and interactive data visualization interfaces
- Integrated REST APIs with frontend state management, implementing error handling, loading states, and optimistic UI updates for improved user experience
- Built responsive UI components following modern design patterns, ensuring cross-browser compatibility and mobile-first design principles
- Collaborated with backend engineers to define API contracts and data structures, contributing to overall application architecture decisions

TECHNICAL PROJECTS

Real-Time Collaborative Todo App — *Next.js, React, TypeScript, Supabase* —

- Built a real-time collaborative task management application using **Next.js 14** and **Supabase Realtime**, implementing optimistic updates and conflict resolution for concurrent edits across multiple users
- Designed custom React hooks for managing WebSocket connections and real-time subscriptions, with automatic reconnection logic and state recovery
- Implemented drag-and-drop task reordering using modern browser APIs, with smooth animations and persistent state synchronization to PostgreSQL backend
- Created authentication system with social login providers and email verification, using server-side session management and protected API routes

Component Library & Documentation Site — *React, TypeScript, Storybook* —

- Developed a custom component library with **20+ reusable React components**, including buttons, forms, modals, and data tables, all built with TypeScript for type safety
- Created interactive documentation site using **Storybook**, with live component previews, prop controls, and usage examples for each component variant
- Implemented theming system with CSS variables and context API, supporting light/dark modes and customizable color palettes
- Set up automated testing with **Vitest** and React Testing Library, achieving **85%+ test coverage** for component logic and user interactions

PROFESSIONAL SUMMARY

Frontend developer with hands-on experience building and shipping production web applications using modern JavaScript frameworks. Recently launched a multi-tenant SaaS platform from the ground up, handling everything from component architecture to deployment. Experienced with Next.js, React, TypeScript, and building API-driven interfaces with complex state management. Comfortable owning features end-to-end and iterating based on real user feedback. Drawn to Backboard's mission of building stateful AI infrastructure—I've worked extensively with AI memory systems and understand the challenge of surfacing complex backend capabilities through clean, reliable interfaces.

SKILLS

Frontend Frameworks & Libraries

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

Styling & UI

Tailwind CSS, CSS Modules, Styled Components, Responsive Design, Accessibility (WCAG)

Authentication & Backend Integration

Supabase Auth, JWT, Session Management, REST APIs, WebSockets, Webhooks

Build Tools & DevOps

Vercel, Git, GitHub Actions, npm/yarn, ESLint, Prettier

Testing & Quality

Vitest, React Testing Library, Jest, Unit Testing, Integration Testing

Additional Experience

PostgreSQL, Stripe Integration, Chart.js, Data Visualization, Python, Flask

EDUCATION

Bachelor of Computer Engineering — *Toronto Metropolitan University* — May 2026

Diploma of Data Science — *Lighthouse Labs* — Oct 2023