

Murtaza Bohra

Senior Frontend Developer

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PROFESSIONAL SUMMARY

Senior Frontend Developer with 5+ years building production-grade web applications with React, Next.js, and TypeScript — from complex real-time dashboards and secure multi-role platforms to high-performance data-visualization tools. Recent work extends into shipping full-stack AI-powered products end to end (multi-agent systems, conversational assistants), backed by a Microsoft Certified Azure AI Engineer Associate credential. Strong focus on state management, accessible component libraries, testing, and CI/CD.

SKILLS

Frontend: React 19, Next.js (v12–v15, App Router / RSC), TypeScript, Redux, Zustand, MobX, TanStack Router / Query, TailwindCSS, shadcn/ui, Radix UI, Framer Motion, Headless UI, Sass, CSS-in-JS, Vite, Webpack, Core Web Vitals, WebSockets, Server-Sent Events (SSE), Vercel AI SDK, AI Elements

Testing & Accessibility: Jest, Playwright (E2E), React Testing Library, WCAG / a11y

Backend & Platform: Node.js, Express, Python, FastAPI, PostgreSQL, Drizzle ORM, Firebase (Auth / Firestore / Functions), Cloudflare Workers, Docker, serverless / edge, REST APIs & webhooks

Tools & Practice: Claude Code, PostHog, Git, CI/CD, Figma collaboration, Agile ceremonies

Applied AI (Azure AI-102 Certified): Azure OpenAI integration, Advanced RAG, Semantic search, conversational AI assistants, Anthropic Claude / Vercel AI SDK

EXPERIENCE

Senior Frontend Developer *Jan 2026 – Present*

Crescentic · Udaipur, Rajasthan

Multi-Agent AI Platform — Studio Operations Automation (Slack-native, serverless)

- Built and shipped a full-stack multi-agent AI platform end to end on the Vercel AI SDK, engineering the tool-calling loop and supporting interfaces across four cooperating agents
- Delivered event-driven automation across Slack, GitHub webhooks, and scheduled jobs on Cloudflare Workers, backed by a 16-table PostgreSQL schema (Drizzle ORM)
- Instrumented usage and cost-reporting dashboards for observability across the platform

TypeScript · Vercel AI SDK · Anthropic Claude · pgvector / PostgreSQL · Drizzle ORM · Cloudflare Workers

Real-Time Voice AI — Clinical Communication Training

- Built the full React 19 + TypeScript frontend (TanStack Query, Zustand) for a real-time multimodal voice application (speech-to-speech + text) on Firebase
- Engineered a streaming UI with context-aware voice selection and an LRU audio cache, reducing perceived latency
- Built the front-end evaluation console visualizing automated LLM-as-judge scoring across 6 weighted rubric dimensions with evidence quotes
- Integrated the Next.js AI chat framework (AI Elements) for sophisticated conversational UIs in text mode
- Integrated PostHog analytics and error reporting

React 19 · TypeScript · TanStack Query · Zustand · Firebase · Google Gemini (streaming voice / TTS)

Software Engineer *Feb 2021 – Dec 2025*

Appperfect Corp. · Udaipur, Rajasthan

GPU Allocation & Operations Platform — NVIDIA · Team Lead (6 engineers)

- Led a team of 6 engineers building NVIDIA's internal GPU operations platform, architecting the frontend in Next.js 14 (React Server Components, edge functions) with Redux, Tailwind, and Headless UI
- Delivered low-latency reads/writes through optimistic updates and caching for a mission-critical real-time workflow tracking GPU allocation across GCP, Azure, and Oracle Cloud
- Engineered advanced data tables with complex multi-dimensional filtering and data-heavy interactive charts, built to WCAG / a11y standards adopted across the platform

- Integrated a FastAPI + Azure OpenAI-powered conversational assistant into the frontend for natural-language queries on GPU allocations and delivery timelines
- Owned CI/CD and PostHog product-analytics infrastructure; collaborated daily with design (Figma) and remote stakeholders through agile ceremonies

Next.js 14 (RSC) · React · Redux · Tailwind · Headless UI · FastAPI · Azure OpenAI · PostHog

Open-Banking Web Platform

- Rebuilt a legacy open-banking platform from scratch in React + Next.js (SSR/SSG)
- Architected complex client-state management (Redux, MobX, Context API) across a secure, multi-role banking dashboard handling sensitive financial data
- Built a reusable, accessible (WCAG) component library and established end-to-end testing with Jest, Playwright, and React Testing Library, improving release stability

Battery Analytics & Observability Dashboard

- Engineered a high-performance React SPA with real-time, interactive visualizations (Recharts, Highcharts), offloading heavy computation to Web Workers to stay responsive over large datasets
- Shipped multi-file upload with live progress tracking and a shareable, authenticated dashboard with guided user onboarding

CERTIFICATIONS

[Microsoft Certified: Azure AI Engineer Associate](#) · Microsoft · Jan 2026

EDUCATION

Bachelor of Technology, Computer Science

College of Technology and Engineering · 2022 · Udaipur, India

LANGUAGES

English (Fluent) · Hindi (Native)