Himesh Dua

Full-Stack Developer | React, Next.js, TypeScript | Karachi, Pakistan

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Summary

Full-stack developer in Karachi, Pakistan, building healthcare software with TypeScript, React, Next.js, and Convex. Experience spans electronic health record (EHR) patient intake, digital consent, clinic administration, appointment scheduling, Google Business Profile integrations, and AI-assisted workflows, with a focus on data integrity and reliable failure handling.

Experience

Zikra Infotech – Summit EHR May 2026 – Present

Full-Stack Developer | Full-time | Karachi, Pakistan

- Maintain production patient intake and digital consent workflows, including form logic, consent signing, revision-aware PDF packets, and recovery from partial submissions.
- Built Google Business Profile review synchronization and reputation dashboards, retaining the last complete review dataset after failed syncs and using channel-specific notification retries to prevent duplicate messages.
- Added organization offboarding safeguards, including data export before deletion and team-removal controls; maintain the patient portal and Super Admin tools.
- Contribute to a Medplum/FHIR platform transition, including multi-clinic data isolation, public appointment booking and scheduling, and a streaming clinical AI chat client.

Technical Skills

Frontend: TypeScript, JavaScript, React, Next.js, Tailwind CSS, shadcn/ui
Backend & Data: Convex, Medplum, FHIR, Node.js, PostgreSQL, Prisma, Supabase, Firebase, MongoDB
AI & Integrations: LangGraph, AWS Bedrock, Google Business Profile API
Tools & Testing: Git, GitHub, Docker, Playwright, Vercel
Additional: Flutter, Dart

Projects

LibreBooks 2025–2026

Next.js, Supabase, IndexedDB, Gutendex API | GitHub

- Built a full-stack public-domain book reader using the Gutendex catalog, with user accounts and favorites stored in Supabase.
- Added IndexedDB caching and on-device reading-position persistence, allowing readers to resume books without downloading opened content again.

OGGen 2026

Bun, TypeScript, Playwright, Sharp | GitHub

- Created an open-source CLI that captures webpages with Playwright and headless Chromium, then generates 1200 × 630 Open Graph images with Sharp.
- Supports single-URL generation and JSON-configured batch runs, creating images locally rather than sending page data to a hosted service.

Education

Aptech Learning 2024–2027 (expected)

Advanced Diploma in Software Engineering

Board of Secondary Education Karachi (BSEK) 2024

Matriculation