

Ravi Patel

Frontend Developer - React · Next.js · TypeScript (with Backend & React Native experience)

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SUMMARY

Frontend developer with 5+ years building and shipping production multi-tenant SaaS and healthcare/pharma platforms, with hands-on backend and React Native experience. Sole frontend developer of the **Zango** packages ecosystem, building and owning packages such as app-builder, CRUD, training, and Zango UI components. Delivered patient-support, track-and-trace, and pharmacovigilance products end-to-end for global pharma clients (BMS, Pfizer, Roche, MSD, AstraZeneca, DKSH, Servier). Independently built and shipped 0 to 1 AI/LLM and React Native products.

TECHNICAL SKILLS

Frontend: React 18, TypeScript, JavaScript (ES6+), Next.js, Vite, Redux Toolkit, Zustand, TanStack Query/Table, RJSF, Zod, Formik/Yup, Tailwind CSS, shadcn/ui, Radix UI, MUI, Framer Motion, Three.js, Storybook

Backend: Node.js, Express, Bun, FastAPI, Python, Zango (Django-based low-code framework), Django/DRF (REST API integration, multi-tenant), Drizzle ORM, OTP/2FA, JWT

Mobile: React Native, Expo, React Navigation/expo-router, push notifications (FCM), barcode scanning, geolocation, offline handling

DevOps & Databases: GitHub Actions, Fastlane, EAS, Docker, AWS (EC2, S3), Vercel, Sentry; PostgreSQL, MySQL, MSSQL, MongoDB, Redis, Snowflake, BigQuery

Testing & AI: Playwright, Cypress, Vitest, Jest, Testing Library, MSW, Lighthouse CI, ESLint/Biome; MCP, OpenAI/Claude/Gemini, LangChain

PROFESSIONAL EXPERIENCE

Frontend Developer - Healthlane Technologies / Zelthy

Oct 2022 - Present · Bengaluru

Sole frontend developer of the **Zango** open-source multi-tenant low-code platform's React/TypeScript package ecosystem (900+ commits on CRUD, 600+ on app-builder). Promoted SDE 1 to SDE 2 (Apr 2024); mentored 3 developers and ran code reviews.

- Architected and built the platform **authentication module** end-to-end - full SSO/OAuth and OIDC redirect flows, OTP login, multi-role selection, session timeout, and security hardening.
- Built the Zango **CRUD package** (CrudHandler, FormRenderer, TableProvider): RJSF JSON-schema forms and composable tables handling 10,000+ records with persisted pinning/resizing, advanced filters, and Tailwind theming.
- Drove **open-source release readiness** - full TypeScript strict mode, lazy routing, React Query hooks, 700+ Playwright/Vitest tests, and mock harnesses; built a **create-zango-app** CLI and a shared design-system library.
- Shipped **BMS Global PSP platform** (first US-client app on the new React architecture) plus patient-support and track-and-trace apps for Pfizer, Roche, MSD, DKSH, and Servier; built role-based order flows handling 1,000+ daily transactions.
- Built **React Native + Expo** patient/field apps (Newmi, BMS India, AZ Optima) with FCM push, barcode scanning, geolocation gating, and offline handling.
- Built a reusable **React component library** (dialogs, toasts, workflow components) and an embeddable **training/LMS module** with seek-locked video, resume-from-position, and quiz/completion gating.
- Delivered distributor analytics dashboards and serialization/track-and-trace apps for Roche, DKSH, and Servier - charts, cluster views, filters, and skeleton-loaded large datasets - plus an internal **DevOps admin interface** with multi-tenant domain/SSL setup, backups, and health checks.
- Migrated tooling across the stack (CRA to Vite, ESLint to Biome, Tailwind v3 to v4, JS to TS) and authored a reusable **GitHub Actions + Fastlane/EAS** CI library for org-wide builds and App/Play Store releases; built the **Zelthy/Zango marketing sites** (Next.js + Strapi) with SEO and Lighthouse CI.

Frontend Developer (Contract) - Clomotech

Sept 2021 - Oct 2022 · Chandigarh

- Optimized a large-scale **insurance portal** used by 10,000+ daily users, cutting page load times around 40% via lazy loading and code-splitting.
- Built reusable React components for underwriting, claims, and lead management; built an inventory system integrating Amazon and Flipkart APIs for real-time sync.
- Integrated **Django REST APIs** across the frontend and built nested modals, dynamic dropdowns, and responsive data tables for admin panels.

Frontend Developer (Contract) - Junpet Limited

Jan 2020 - Sept 2021 · Didcot, UK

- Engineered a US dental practice portal integrating insurance, HR, billing, analytics, and inventory.

PROJECTS

- Igris - AI Security & Governance Platform (igrisecurity.com)** - solo-built, production multi-tenant **LLM gateway and governance product** (around 1,600 commits, full ownership of backend, dashboard, marketing site & docs). *TypeScript, Next.js, Docker, MCP.*
- Gateway core: API-key versioning & per-key bearer auth, sliding-window rate limiting, full request/response logging with configurable retention, and OpenAI-compatible provider routing with SSE streaming and an in-app playground.
 - Governance layer: spend guardrails, anomaly detection, threat-to-control mapping, audit trails, and a typed SDK over org-scoped multi-tenancy; integrated MCP and subscription billing with plan-limit enforcement.
 - Ran a 5-section pre-launch security audit (data protection, DB security, auth failure modes, secrets exposure, infrastructure) with severity-rated remediation.
- Dytafly / QueryGenie - AI Text-to-SQL** - natural-language-to-SQL assistants with multi-database connectors (Snowflake, BigQuery, Athena, DuckDB, MSSQL) and auto-generated charts. *React/Vite, FastAPI, LangChain, pgvector.*

Zango Setup Helper - Electron + React desktop app turning 15+ manual CLI steps into a 7-step wizard: dev-service orchestration (Django + Celery), Git/workspace sync, staging to local DB sync, and DNS setup with an embedded xterm.js terminal. *Electron, React, TypeScript, Bun.*

EDUCATION

B.Tech, Information & Communication Technology

DA-IICT, Gandhinagar · 2016 - 2020

Design Lead, Synapse DA-IICT Fest (2018-2020)

ADDITIONAL

Languages: English, Hindi, Gujarati

Open Source: contributor to Zango; forks to Strapi, Plane, Trigger.dev, Portkey AI Gateway, Excalidraw.