Om Gawande

Portfolio | (+91) 9834899149 | Gmail | Linkedin | GitHub | Google Play | App Store

Education

D.Y. Patil College of Engineering — Pune, MH, India
Bachelor of Computer Engineering | CGPA: 8.85 — *July 2018 – June 2022*

Wadhwani Jr. Science College — Yavatmal, MH, India
Higher Secondary Education (State Board) | 83.38 % — *July 2017 – May 2018*

Experience

Software Engineer — Dec 2024 – Jan 2026
Altarium Consulting Pvt. Ltd. — *Full-time — Delhi, India (Remote)*

- **Built and maintained** a full-stack field-operations product suite (**BOSS**) a cross-platform **mobile app** (**React Native 0.81**, iOS/Android) and a **web dashboard** (**React** + **Vite**) in **TypeScript**, sharing auth, i18n, and form-validation conventions (**Formik** + **Yup**).
- **Architected** state management and data-fetching layers with **Redux Toolkit** and **TanStack React Query**, integrating **JWT** auth, **AWS Cognito**, and large-scale API normalization.
- **Developed** document workflows including in-browser **PDF annotation** (PDFTron WebViewer) and server-side **PDF generation** (Jinja2 + pypdf) for dynamic reports and certificates.
- **Integrated** hardware and real-time features **NFC**, **QR**, **GPS**, vision camera, and **Socket.IO** live collaboration across mobile and web.
- **Shipped** an AI-native **cost-estimation web app** (**React 19** + **Vite** + **TypeScript** + **Ant Design** + **Tailwind CSS**) end-to-end using **Figma Make**, **Windsurf**, and **Claude Code**, with type-safe forms (**React Hook Form** + **Zod**), **Sentry** monitoring, and full **TypeScript** strictness.
- **Developed** an interactive in-browser **3D BIM/IFC viewer** using **Three.js**, **WebGL**, and **@thatopen/components**, with bi-directional sync between 3D elements and **MUI** data tables and **WebGL** context-loss recovery.
- **Built** a modular, responsive multi-panel dashboard UI (**react-resizable-panels**) with **AWS Cognito/JWT** auth and **Role-Based Access Control (RBAC)**.
- **Enforced** production-grade engineering standards across all projects with **ESLint**, **Husky**, lint-staged type checks, and **Vitest/Jest** coverage.

Full Stack Developer — Jan 2024 – Dec 2024
KreaitorAI — *Full-time — Remote*

- **Lead** full-stack development for **kreaitor.io** and **kreaitor.ai** using **Django**, **Next.js 14**, **Tailwind CSS**, and **Zustand**.
- **Implemented** SEO strategies (**schema markup**, **sitemaps**, **keyword research**) and performance optimizations using **Vercel Blob**, boosting search visibility and site speed.
- **Set up CI/CD pipelines** with **Vercel**, **GitHub**, and **Docker** to streamline development workflows.
- **Mentored** interns and collaborated cross-functionally in an **Agile** environment.

Projects

Deva's Farm | *React Native, Expo, React, Node.js, MongoDB* — Case Study

- **Built** an end-to-end poultry farm management platform with **iOS/Android apps**, an admin dashboard, and backend services.
- **Engineered offline-first workflows** with persistent queues, retries, and idempotency for reliable operations in low-connectivity environments.
- **Implemented** GPS attendance, task management, real-time updates, and operational reporting.

Whiskrs | *WXT, React, TypeScript, Chrome MV3* — Case Study

- **Built** a local-first Chrome extension transforming new tabs into a developer workspace for bookmarks, collections, and browser sessions.
- **Architected** new-tab, popup, and side-panel interfaces with shared state, session restoration, recovery snapshots, and data exports.

Notchi | *SwiftUI, ActivityKit, WidgetKit, StoreKit 2* — Case Study

- **Developed** a native iOS app featuring interactive pixel companions on **Dynamic Island** and Lock Screen using Live Activities.
- **Integrated** ActivityKit, WidgetKit, App Intents, RevenueCat, and Supabase for interactive experiences and in-app purchases.

Other Projects: WebType | ChessGames