Atharv Shelke

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atharv-shelke-portfolio.vercel.app

EDUCATION

MGM University   Chh. Sambhajinagar, MH
BTech Computer Science — CGPA: 7.8/10   *Expected 2026*

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, Java
Backend: FastAPI, Node.js, REST API Design, Authentication & Authorization, JWT, RBAC, Async Processing
Frontend & Mobile: React, Next.js, React Native, Expo
Databases: PostgreSQL, MySQL, MongoDB (Schema Design, Indexing, Query Optimization)
DevOps & Tools: Git, Prisma, CI/CD

EXPERIENCE

Full-Stack Developer Intern — TeknoTantra Systems Pvt. Ltd.   Nov 2025 – Dec 2025
Multi-Tenant Real Estate Platform
- Designed and implemented **tenant-aware REST APIs** using **.NET Core** for listings, bookings, and user management with strict **data isolation** guarantees.
- Implemented **JWT-based authentication** and **RBAC** supporting Super Admin, Tenant Admin, Host, and Guest roles.
- Designed normalized **PostgreSQL schemas** with **foreign keys and indexes** to support high-throughput booking and search queries.
- Built a **React frontend** consuming paginated and filtered APIs with **optimistic UI updates** to improve perceived latency.

Full-Stack Developer Intern — Discoverr Labs.AI   Jan 2025 – Jun 2025
Training & Placement Portal (MGMU)
- Architected a **multi-tenant web application** using **Next.js**, **Prisma**, and **MongoDB** with tenant-aware API routing and access control.
- Designed **REST APIs** for student onboarding, job postings, applications, and eligibility workflows.
- Implemented a **5-level RBAC model** with secure session handling and **route-level authorization**.
- Optimized **Prisma queries** via selective fetching, indexing, and pagination to reduce **API response latency**.

Freelance — Full Stack Developer   Jun 2024 – Dec 2024
Inventory Management System
- Designed and implemented **REST APIs** for inventory tracking, warehouse transfers, and audit logging using **Next.js** and **Prisma**.
- Modeled **transactional database schemas** to support stock reconciliation and historical audit trails.
- Enforced **schema-level validation** using **Zod** to prevent invalid writes at API boundaries.
- Improved data-heavy UI performance using **React Query caching** and **server-side rendering (SSR)**.

PROJECTS

AI Story Generator | *FastAPI, React, PostgreSQL*   GitHub
- Designed an **LLM-powered storytelling platform** with branching narratives and **persistent multi-session state**.
- Implemented **asynchronous background jobs** and a **modular narrative engine** to scale AI content generation.
- Built secure **REST APIs** backed by **PostgreSQL** to ensure reliable session and story progression.

CaseCobra — Custom Phone Case E-commerce | *Next.js 14, PostgreSQL, Stripe, NextAuth*   GitHub
- Developed a **production-grade e-commerce platform** supporting custom **image upload, cropping, and live previews**.
- Implemented **authentication and authorization** using **NextAuth** and integrated **Stripe Checkout** for payments.
- Optimized frontend performance with responsive **Tailwind UI** and **React Query**, reducing unnecessary re-renders.