Onkar Patel

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EDUCATION

Bhilai Institute of Technology, Durg   November 2021 – June 2025
Bachelor of Technology in Computer Science (Artificial Intelligence)   *CPI: 8.9/10*

PROJECTS

Nova – AI Website Builder | *Next.js, React, tRPC, Prisma, PostgreSQL, Tailwind CSS, Clerk*   July - 2025
- Engineered an AI website builder with full-stack type safety via tRPC and Prisma, reducing API response time by 40%, and deployed real-time Docker sandboxes via e2b to enable 50+ live code previews.
- Streamlined async AI agent workflows via Inngest and OpenAI (200+ concurrent requests), and configured Clerk to handle auth and billing for 1000+ users with role-based access control.
- **Links**: GitHub · Web App

Resumind – AI Resume Analyzer | *React, React Router, Tailwind CSS, PDF.js, Zustand*   July - 2025
- Developed an AI resume analyzer with ATS scoring and keyword feedback with React, tested on 100+ resumes along with drag-and-drop uploads with real-time parsing via PDF.js.
- Applied concurrent rendering and layout-based routing via React 19 and React Router v7, and designed an interactive interface using Tailwind CSS with lightweight global state using Zustand.
- **Links**: GitHub · Web App

TrueFeedback – Anonymous Feedback App | *Next.js, TypeScript, Tailwind CSS, NextAuth.js*   July - 2025
- Implemented a secure feedback app for anonymous submissions using Next.js and TypeScript, and integrated verified auth and email delivery via NextAuth.js and Resend, processing 200+ responses.
- Built schema-validated, data-driven forms powered by React Hook Form and Zod, reducing form errors by 30%, and developed a refined layout with Tailwind CSS and Lucide icons.
- **Links**: GitHub · Web App

GTA VI – Gaming Website | *React, Tailwind CSS, GSAP, ScrollTrigger*   July - 2025
- Designed a high-performance landing page inspired by GTA VI, optimized for 60+ FPS smooth scrolling, and styled immersive visuals with Tailwind CSS for an adaptive, cinematic interface.
- Recreated 8+ trailer scenes with scroll-synced animations using GSAP and ScrollTrigger, adding parallax, pinned scenes, and video-sync for immersive user experience on 3+ screen sizes.
- **Links**: GitHub · Web App

ACHIEVEMENTS & CERTIFICATIONS

- Solved **400+ problems** on **LeetCode** | *Max Contest Rating:* **1700+**
- Solved **250+ problems** on **GeeksforGeeks** | *Institute Rank:* **Top 1%**
- **Completed 100xDevs Cohort 0-100**: Built full-stack apps with JavaScript, React, TypeScript, Tailwind, Node.js. Hands-on with Redis, Kafka, Docker, Kubernetes, CI/CD, and AWS.
- **Completed DSA Master Course - Supreme 2.0**: Mastered advanced data structures, algorithm design, and performance optimization for robust, scalable software.

SKILLS

Languages: JavaScript, TypeScript, C/C++, SQL, HTML, CSS
Frontend : React, Next.js, Redux Toolkit, Tailwind CSS, React Router
State & Tools: Redux Toolkit, React Query, Zod, Shadcn, React Hook Form, Zustand
Backend: Node.js, Express.js, REST APIs, tRPC
Databases: PostgreSQL, MongoDB, Prisma, Mongoose, Supabase
Authentication: JWT, OAuth, Firebase Auth, NextAuth.js, Clerk, Bcrypt
DevOps: Git & GitHub (version control), Docker, GitHub Actions, CI/CD, Postman, Vercel
Soft Skills: Clear Communication, Creative Problem-Solving, Efficient Time Management, Collaborative Teamwork