Jainish Patel

Full Stack Software Engineer — Competitive Programmer

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Summary

Third-year B.Tech student in Information Technology with a strong foundation in full-stack development and data structures. Created production-level platforms using React, Next.js, Node.js, and PostgreSQL. Solved 600+ DSA problems and contributed to award-winning hackathon projects. Proficient in AI/ML libraries with hands-on implementation in NLP-driven apps.

Education

G H Patel College of Engineering & Technology, Anand, Gujarat

Bachelor of Technology in Information Technology **CGPA: 9.49 / 10**

09/2022 – 06/2026

Experience

Smart India Hackathon 2024 *11/2024 – 12/2024*

ZenSkills – National Winner (Ministry of Education)

github.com/jainish047/MentorshipPlatform-ZenSkills.git

Designed a mentoring platform featuring custom matching algorithms with React.js, Express.js, and PostgreSQL

- Engineered 1:1 **video calling system** with WebRTC and Socket.io, achieving **95%+ connection reliability**.
- Launched a **real-time chat** feature via WebSockets, boosting user interaction by **70%+**.
- Orchestrated **50+ dynamic filters** for mentor search, increasing match accuracy by **80%**.
- Secured all API endpoints with **JWT Auth + bcrypt.js**, increasing data protection.
- Led and coordinated back-end development with **650 + commits** in collaboration with a 5-member Agile team.

Projects

AI/NLP-based IELTS Evaluator Web App (Next.js + Firebase)

github.com/techstavan/Zen-Dotslash8.git

Web app to analyze IELTS essays using NLP APIs, providing instant and insightful feedback.

- Integrated **Grok + HuggingFace APIs** to assess grammar, coherence, and vocabulary with **85%+ accuracy**.
- Processed **250+ submissions** with $< 5s$ **latency** via optimized API workflows.
- Enabled both **text and voice input** to replicate real exam scenarios and increase accessibility.
- Maintained a **10k+ vocabulary store** for high-context essay analysis.

Freelance Platform Web App (React.js + Redux + Express.js + PostgreSQL)

github.com/jainish047/Freelancing-Platform.git

Scalable freelancing portal where clients hire professionals and freelancers showcase services.

- Implemented RBAC with Redux and JWT, securing **100% of private routes** in **2 user roles**.
- Integrated the **Razorpay API**, enabling secure transactions with **real-time payment verification**.
- Developed a gig creation flow that features **multiimagemage upload**, custom tiers, and delivery milestones.
- Scaled the back-end with Express.js and MongoDB Atlas to handle **500+ concurrent users**.
- Using Formik + Yup for robust validation, reducing form-related issues by **90%+**.

Achievements

- Secured **1st place at Smart India Hackathon 2024** (National Level, Ministry of Education), outperforming 30,000+ participants.
- Earned **3★ on CodeChef**, **Pupil rank on Codeforces**, and solved **600+ DSA problems** across major platforms.
- Ranked in the **top 5% of department** with a stellar **CGPA of 9.49 / 10**.

Skills

Languages: C++, C, JavaScript (ES6+), TypeScript, Python, Java
Frontend: React.js, Next.js, Tailwind CSS, Bootstrap, Shadcn UI, HTML5, CSS3
Backend: Node.js, Express.js, MongoDB, PostgreSQL, Prisma, JWT Auth, WebSockets, REST APIs
AI/ML: Scikit-learn, Pandas, NumPy, Matplotlib, OpenAI API, HuggingFace Transformers
Tools/DevOps: Git & GitHub, Postman, VS Code, Vercel, Railway, Figma, Agile/Scrum
Competitive Programming: Codeforces (Pupil), CodeChef (3★), LeetCode (600+ problems)
Others: Redux Toolkit, Zustand, Razorpay API, Cloudinary, Formik & Yup