

Priyanshu Patel

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Education

Thapar Institute of Engineering and Technology

B.Tech in Computer Engineering

Current CGPA: 8.48

Patiala, Punjab, India

2023–2027

DAV Public School

Class 10 score: 90%

Class 12 score: 88.8%

Vasant Kunj New Delhi, India

2018–2022

Experience

App Developer Intern at Zylectra

May 2024

- Built 5+ core features for *Zylectra Maps* in React Native, boosting app engagement by 30%.
- Integrated WebSocket, GPS, and Battery SoC streams, reducing latency by 40%.
- Maintained 85% test coverage and thorough documentation for long-term scalability.

Core Member at GDSC

July 2023

- Co-developed GDSC website, increasing traffic by 60% within one month.
- Applied responsive design, improving mobile load speed by 35%.
- Led UI/UX enhancements, raising average session duration by 25%.

Projects

AutoTweets — Website

React, Tailwind CSS, Express.js, Twitter API, Google Gemini, AWS EC2, AWS S3

- Developed a full-stack social media automation tool that schedules and publishes AI-generated tweets using Gemini and the Twitter API.
- Deployed application on AWS EC2 and integrated AWS S3 for image and asset storage.

EasyPly – AI Interview Platform — Website

React, Node.js, Puppeteer, Gemini API(LLM), RAG, PostgreSQL

- Created a platform that conducts mock interviews using AI and provides feedback to improve resume and interview performance.
- Integrated Gemini API to generate and score behavioral and technical questions in real-time.
- Added job recommendation and role-matching engine based on resume parsing and AI prompt chaining.

Minimal HTTP Server

Technologies: C

- Built a custom HTTP server in both C and Rust to serve static files and handle basic routing.
- Designed multithreaded architecture for concurrent client handling.
- Focused on performance optimization, low-latency networking, and memory safety.

Skills

Languages: C, C++, HTML, CSS, JavaScript, TypeScript, Python, R, SQL

Frameworks: Express, Tailwind

Libraries/Tools: React, Node.js, Socket.IO, Redux, Zustand, Postman, Git, GitHub

Databases: MongoDB, PostgreSQL, Redis

Deployment Cloud: Docker, Vercel, AWS EC2, AWS S3, AWS CloudFront

Methodologies: Agile, Scrum, Kanban,