

Prerna Sharma

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [LeetCode](#)

SUMMARY

Computer Science undergraduate and full-stack developer building AI-powered web apps with **Next.js**, **TypeScript**, **Node.js**, and **PostgreSQL**. Experienced in **LLM integration**, **RAG**, and **agentic workflows**, with a full-stack internship on a live healthcare platform.

EDUCATION

Bhagwan Parshuram Institute of Technology

Delhi, India

B.Tech in Computer Science Engineering | CGPA: 9.2

2024 – 2028

EXPERIENCE

Full Stack Developer Intern

Jul 2026 – Sep 2026

Qurovo (Healthcare Comparison Platform)

Remote

- Built end-to-end features for a live platform that helps Indian patients compare hospitals, doctors, and treatment costs, using **Next.js 15**, **TypeScript**, and **Supabase**: authentication, REST APIs, and third-party integrations such as **Google Reviews**.
- Improved discoverability and performance through **SEO** and **performance optimizations**, and built **reusable UI components** to speed up page development.

PROJECTS

PulseTrack | [GitHub](#) | [Demo](#)

Next.js, TypeScript, PostgreSQL, Prisma, Groq, Inngest

- Engineered and deployed an **AI competitor-intelligence platform** that automates daily scraping and change detection across **10+ sources**, using **Inngest** background jobs and **Groq** for AI analysis.
- Modeled a **PostgreSQL + Prisma** change-history schema with snapshot-diffing logic, maintaining a full audit trail for every source.
- Turned raw page changes into **AI-generated summaries** so users see what changed without manual comparison.

SkillWise AI | [GitHub](#) | [Demo](#)

React 19, Express, Bun, Turborepo, Prisma, PostgreSQL, Gemini 2.5 Flash

- Developed an **AI interview platform** that reads a candidate's GitHub profile (pinned repositories, languages, tech stack) and uses **Gemini 2.5 Flash** to generate role-specific interview questions.
- Designed a **three-persona evaluation layer** (Tech Lead, System Architect, Engineering Manager) that generates dimension-wise scorecards for each interview.
- Structured the codebase as a **Turborepo monorepo** (React 19 frontend, Express/Bun backend) and deployed it to production.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, TypeScript, SQL

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js, FastAPI, REST APIs, WebSockets, Authentication

Databases & ORM: PostgreSQL, MongoDB, Redis, Supabase, Prisma

AI & LLMs: LLM Integration, RAG, LangChain, LangGraph, Multi-Agent Systems, Prompt Engineering, Gemini, Groq

Tools & Concepts: Git, GitHub, Docker, Inngest, Vercel, Data Structures & Algorithms, OOP, DBMS

ACHIEVEMENTS & LEADERSHIP

- Top 5 of 200+ teams (top 2.5%)**, Brewing Codes 4.0 Hackathon: delivered a full-stack product under tight time limits.
- Senior Council Member**, Anveshan Technical Community (BPIT): organized 5+ technical events for 200+ students.
- Solved **400+ DSA problems** on LeetCode and CodeChef; participated in 20+ competitive programming contests.