

Prachi Mittal

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Description

- Results-oriented software engineer with strong proficiency in **Data Structures & Algorithms and SQL**, enabling optimized, reliable solutions for complex problems. Skilled in **DBMS, OOPs**, and **networking** with a focus on accuracy and performance. Collaborative with excellent communication skills.

Education

Chandigarh University <i>Bachelors in Computer Science Engineering (CGPA:8.30)</i>	2021-2025 Gharuan, Punjab
DAV Centenary Public School <i>12th CBSE (Percentage: 94)</i>	March 2021 Jind, Haryana
DAV Centenary Public School <i>10th CBSE (Percentage: 93)</i>	March 2019 Jind, Haryana

Technical Skills

Languages: C++(DSA), HTML, CSS, JavaScript, OOPs
Frameworks/Libraries: React.js, Next.js, Node.js, Tailwind
Databases: SQL, MongoDB, PostgreSQL
Cloud/Tools: AWS, Firebase Auth
Networking: Computer Networks (TCP/IP, UDP), Operating System, Kernel, SDLC
Other Skills: Git & Github, REST APIs, GenAI basics, Clerk, Prisma, Linux, Multithreading
Soft Skills: Analytical, Problem Solving, Team Collaboration, Effective Communication, Adaptability, detail-driven

Experience-VisionaryX-Full stack developer

Jan 2025-June 2025(Remote)

- Developed the frontend of the HRMS system building dashboards, forms, employee portals using React
- Worked in SQL management— writing and optimizing complex queries, designing relational schemas, data handling.

Projects

Prepify AI | Next.js, PostgreSQL, Prisma, Neon, shadcn/ui

- Designed and developed an **AI-powered career coaching platform**, streamlining the job preparation process.
- Enabled users to generate resumes, cover letters, and practice AI-driven mock interviews.
- Developed a scalable frontend (**Next.js, shadcn/ui**) and backend (**Prisma, PostgreSQL**) powering real-time AI content for **500+ users** with secure, seamless UX.

IntelliAgent | React, Gemini AI, Node.js, REST APIs, Lucide, Framer Motion

- Developed an intelligent AI Agent with Google Gemini integration featuring real-time function calling capabilities.
- Created smart conversation flow with AI function calling and dynamic code execution via parameter parsing.
- Users can see when AI calls functions vs. generating responses (LLM limitations and how function calling solves them)

NewsMonkey- daily dose of news. | React 18 +, MongoDB, Docker, GitHub

- Developed progressive news web app with offline news reading capability, push notifications, and responsive design supporting 1000+ concurrent users
- Implemented database indexing, and optimized queries reducing load time by 60%
- Integrated Elastic search for full-text search with auto-suggestions, sentiment analysis, and content categorization using NLP

Certifications

- Solved 400+ leetcode problems | Top SQL 50 Badge on Leetcode
- Winner of HACK-O-OCTO 36hrs Hackathon(GDSC) | CSI Star Award Winner 2023-24
- Published Research paper on Virtual mouse using hand gestures
- Certification in IOT (gold),Data Mining,MySQL from NPTEL| Web Design in Adobe XD(Google)