Gaurav

📍 Mohali, Punjab ✉ gauravthakur83551@gmail.com 📞 +91-6284001268 in Linkedin ⌂ Github 🌐 portfolio

EDUCATION

Chandigarh University, *Punjab, India* **07/2026**
Bachelor of Engineering - Computer Science and Engineering

Kendriya Vidyalaya No.1 Chandimandir Cantt, *Haryana, India* **06/2021**
Class XII CBSE

Kendriya Vidyalaya No.1 Chandimandir Cantt, *Haryana, India* **03/2019**
Class X CBSE

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, JavaScript, SQL
Data Structures & Algorithms: Arrays, Trees, Graphs, Dynamic Programming, Sorting, Searching
Database Technologies: SQL, MySQL, PostgreSQL, MongoDB, Basic Excel Functions
Backend Development: Node.js, Express.js, RESTful APIs
Web Technologies: JavaScript, TypeScript, HTML, CSS
Core CS Concepts: OOP, DBMS, Data Structures, Algorithms, Software Engineering

PROFESSIONAL EXPERIENCE

Web Development Intern — *Systecks Solution (AICTE Collaboration)* **03/2024 – 04/2024**
- Conceptualized and implemented an interactive prototype for a recipe platform%
- Developed a fully responsive front-end website using HTML, CSS, and JavaScript, reducing page load time by 40%

Under Secretary - Tech — *ISTE Student Branch (Chandigarh University)* **04/2025 – Present**
- Engineered 5+ responsive websites tailored to diverse university events, improving event engagement by 25%
- Directed full technical workflow for 10+ campus events, ensuring 99.9% uptime and on-time delivery
- Collaborated with a cross-functional team of 8 using Git and Figma to streamline design-to-deploy cycle by 35%

PROJECTS

Voicademy — AI Learning Companion **04/2025**
Technologies: Next.js, Vapi, Supabase, Clerk *Live • Source*
- Developed a voice-interactive AI app simulating a personal tutor; increased usability for visually impaired students
- Integrated Vapi and Supabase to handle 1,000+ voice queries/month with 98% success rate
- Crafted mobile-first responsive UI in Next.js with smooth real-time interaction

JuryX — Decentralized Evaluation System **05/2025**
Technologies: Smart Contracts, PostgreSQL, System Design, Algorithmic Scoring *Live • Source*
- Architected decentralized consensus algorithm with Byzantine fault tolerance, cutting evaluation time by 60%
- Implemented scoring logic reducing bias by 50% through weighted algorithmic modeling
- Structured and indexed database serving 5,000+ real-time submissions with latency ¡ 150ms

IronPulse — Fitness Tracker Platform **01/2025**
Technologies: React, Node.js, MongoDB, JWT *Live • Source*
- Engineered a MERN-stack fitness platform with 100+ active users logging workouts and diets weekly
- Secured user data with JWT-based authentication and deployed MongoDB schema for 10k+ entries

ACHIEVEMENTS

- 1st Place (Regional Round) – Hack Fest 2025, organized by SAP Labs Pvt. Ltd.
- Top 10% (Round 3 Qualifier) – Hash-It-Out Coding Competition, Chandigarh University.
- Top 8 Team out of 100+ – Mind-Sprint Innovation Challenge, ISTE Student Chapter, CU.
- Top 5% Rank – Cloud IoT Edge ML course by NPTEL, 2025.
- Solved 500+ DSA problems on LeetCode, HackerRank, and GFG with focus on recursion, trees, and DP.

CERTIFICATIONS

Python and Flask Framework – Udemy   **Cloud Computing** – NPTEL Swayam