ARPIT SHARMA

Ghaziabad, India

📞 +91-8595140275 ✉ arpitsharma1263@gmail.com in arpitsha26 ⌗ arpitsha26

EDUCATION

Ajay Kumar Garg Engineering College   **2023 − 2027**
Bachelor of Technology in Computer Science | CGPA: 8   *Ghaziabad, India*

EXPERIENCE

Blockchain Research Lab, AKGEC   **Oct 2024 − Dec 2024**
Backend Developer | Trainee   *Ghaziabad, India*

- Engineered **RESTful backend APIs** for StreamFlix, supporting **1,000+ concurrent users**.
- Optimized **PostgreSQL queries and indexing**, reducing response time by **30%**.
- Implemented **WebSocket-based real-time communication**, boosting engagement by **40%**.

PROJECTS

Sanskriti — Cultural Heritage & Tourism Platform | Node.js, Express.js, MongoDB

- Developed **scalable backend APIs** for heritage listings, festivals, marketplace, and trip planning.
- Implemented **JWT authentication**, **role-based authorization**, and **Joi validation**.
- Integrated **Cloudinary**, **Multer**, and **Nodemailer** for media and email automation.
- Designed optimized **MongoDB schemas and indexes** for efficient querying.

Crewzy — Social Media & Collaboration Platform | **Live Demo** | React, Node.js, Express.js, MongoDB

- Built a full-stack platform with posts, stories, profiles, and real-time chat.
- Implemented **real-time messaging** using **Socket.io**.
- Designed secure **JWT-based authentication** and REST APIs.
- Improved frontend-backend performance by reducing unnecessary API calls.

SKILLS

Languages: C++, JavaScript, Python, Go, C, SQL

Databases: PostgreSQL, MongoDB

Frameworks: React, Node.js, Express.js, Gin, Socket.io

Tools: Git, Docker, VS Code, Figma

Core CS: Data Structures & Algorithms, OS, OOP, CN, DBMS

ACHIEVEMENTS

- **2 Star Coder on CodeChef**
- **Codeforces Pupil** (Max Rating: 1234)
- Solved **300+ DSA problems** across CodeChef, Codeforces, GFG and LeetCode
- AI with TensorFlow — **Infosys**

COMPETITIONS & HACKATHONS

- **ACPC 2025**: Ranked **13th out of 400+ teams** (Offline CP Contest)
- **SIH 2025**: Built **Sanskriti**, a cultural heritage and tourism platform