Karan Kumar

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Education

Chitkara University, Himachal Pradesh
Bachelor of Engineering in Computer Science | 2022 – 2026
CGPA: 9.39

Army Public School, Meerut
Class 12th (CBSE) – 80.80%
Class 10th (CBSE) – 91%

Technical Skills

Languages: C++, Java, JavaScript
Frontend: HTML, CSS, React.js, Zustand, EJS
Backend: Node.js, Express.js, RESTful APIs, Socket.io, Session Management
Database: MongoDB, Mongoose, PostgreSQL
Authentication & Security: JWT, bcryptjs
Tools & Platforms: Postman, VS Code, Chrome DevTools, Git, GitHub
Core Subjects: DBMS, Computer Networks (CN), Operating Systems (OS)

Projects

- **AI Voice Assistant (JARVIS Clone)** | React, Node.js, Express, MongoDB, Gemini AI, Web Speech API, JWT, Cloudinary, Render

Built a real-time conversational AI assistant with voice input/output using Gemini AI and Web Speech API.

Integrated secure authentication (JWT + bcrypt) and Cloudinary-based user customization for assistant image and name.

Fully deployed on Render with responsive UI and personalized voice interactions.

- **Blogify** – Fullstack Blogging Platform | React, Appwrite, HTML, CSS

Developed a full-featured blog application with user authentication, post creation, and CRUD operations.

Designed a simple, mobile-responsive UI and optimized backend APIs for smooth performance.

- **Integrated College Project (Team Lead)**

Led a team of 6 developers in building a fullstack academic project; handled backend design, Git collaboration, and code reviews.

Enhanced project efficiency through clear task division and agile development practices.

Hackathons & Achievements

- **Smart India Hackathon 2023**: Cleared university-level round.
- **HackonHills (NIT Hamirpur)**: Participated in 3-day national hackathon; contributed to real-world problem solving.
- **Team Leader**: Guided classmates in integrated project; known for strong coordination and problem-solving mindset.

Core Strengths

Problem Solving | Object-Oriented Programming (C++ & Java) | Leadership | Quick Learner | Fluent in Hindi & English