

Kushagra Juneja

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ACADEMICS

Chitkara University, Rajpura
B. Tech, *Computer Science Engineering*
CGPA: 7.5

September 2022 – August 2026

Coursework: Operating Systems, Computer Networks, DBMS, Software Configuration Management, Agile Methodologies

COMPETENCIES

- **Programming Languages** : Java, JavaScript
- **Frontend Technologies** : HTML5, CSS, React.js, Next.js
- **Backend Technologies** : Express.js, Node.js, Prisma ORM, RESTful API
- **Databases** : MySQL
- **Tools** : Git, GitHub, Postman, Jira, Excel

PROJECTS

MediConnect

- Engineered a real-time booking system with REST APIs and Redux, reducing appointment scheduling time by 30%.
- Developed a symptom-based doctor search, improving efficiency by 40% helping users find relevant specialists faster.
- Optimized backend handling 20+ concurrent requests/sec with Express.js.
- Automated deployment workflow using GitHub Actions, reducing deployment time by 50% Netlify.
- Tech Stack: React (frontend), Next.js (SSR), Express.js (backend), PostgreSQL, Prisma ORM (Data Management).
- [medi-connect-k.netlify.app](#)

CodeCollab

- Designed an online compiler supporting 5+ programming languages, enabling seamless execution.
- Integrated WebSockets for real-time collaboration, reducing latency by 35% in multi-user sessions.
- Enhanced code execution with 20% faster response times and 25% fewer compilation errors via real-time detection.
- Used Docker and GitHub Actions for build, testing, and deployment, reducing deployment time by 40%.
- Tech Stack: React (UI), Express.js (backend), MongoDB (authentication & storage), WebSockets (collaboration).
- [code-collab-sand.vercel.app](#)

Elevatr

- An AI-powered resume builder with real-time mock interview practice for job preparation.
- Improved resume building and AI interview evaluations, boosting feedback accuracy by 30%.
- Optimized question generation speed by 40% using Gemini API for faster and more accurate content creation.
- Configured deployment workflow using GitHub Actions and Vercel, reducing deployment time by 40%.
- Tech Stack: Next.js, NeonDB, Clerk, Gemini API, Drizzle ORM (database management).
- [elevatr-resume.vercel.app](#)

OTHER ACHIEVEMENTS

- 100+ Problems Solved, *LeetCode* ku28
- University Readiness Academy (URA) October 2024 - March 2025
- Introduction to Python, *Coding Ninjas* September 2022 - January 2023
- Workshop on Data Structures & Algorithms, *GeeksforGeeks* March 2024
- Generative AI, *Google Cloud Skills Boost* October 2024