Himanshu Gupta

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EDUCATION

Guru Gobind Singh Indraprastha University (GGSIPU), New Delhi   2022 - Present
Bachelor of Technology - Electronics and Communication Engineering   *GPA: 8.79/10*

Projects

AI-Powered Course Generation Platform Github LIVE
Next JS | Clerk | Tailwind CSS | Shadcn UI | API
- Built and deployed a full-stack SaaS application in Next.js, ShadCN UI, and clerk that generates complete courses with video content using Gemini AI and YouTube API integration.
- Implemented AI algorithms to create structured learning paths with multimedia content, reducing course creation time from hours to minutes.
- Designed progress tracking system to help users monitor their course completion and learning milestones.

Code-Syntax Github
ReactJS | NodeJS | ExpressJS | Socket.io | Tailwind CSS
- Developed a real-time collaborative code editor using React , Node.js and Socket.io, enabling multiple users to write and edit code simultaneously.
- Implemented WebSocket-based communication for seamless live updates, reducing latency and enhancing user experience.
- Designed a modern , responsive UI with CodeMirror and integrated a secure authentication system for room-based collaboration.

Mentor-Mic Github LIVE
Next JS | Tailwind CSS | Firebase | Vapi
- Built and deployed an AI-powered Mock Interview System that conducts real-time interviews tailored to user preferences.
- Designed an AI agent to simulate interview scenarios and evaluate user responses.
- Integrated real-time feedback to help users improve their interview performance.

Skills

- **Programming Languages**: C, C++, JavaScript.
- **Academic Coursework** : Data Structures and Algorithms , OOPS , C++.
- **Framework and Libraries**: ReactJS ,NextJS, NodeJS, ExpressJS, REST API.
- **Database**: MongoDB(NoSQL) , Firebase , SQL.
- **Developer Tools**: Git, GitHub, GitHub Pages, Visual Studio Code , Firebase, Clerk.

Experience and Trainings.

DSA In House Training | BVCOE   July2024 – Sept2024
- Completed Advanced Data Structures and Algorithms and was selected for the best project
  competition across the college.

Achievements.

- Solved over 250 DSA questions on an online coding platform and earned multiple achievement badges for excellence.   **Visit**
- Achieved a **9.24** CGPA in the 3rd semester, securing **2nd** position out of **180** students in the **ECE department**.

Volunteer Experience.

- **Eduminerva BVOCE** – Video Editing Head
  Arranged extensive hackathons and placement bootcamps for college events, providing hundreds of participants with networking and skill-building opportunities.