

# SAPNA KUL

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## EDUCATION

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- **D Y Patil College Of Engineering**, India **CGPA:8.16**  
BTech(Computer Science and Engineering),2024  
**Coursework:** Data Structure, Design, and Analysis of Algorithms, Operating System, DBMS

## WORK EXPERIENCE

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- **Competitive Programming Mentor at CPMC** **JUNE 22 - Present**  
CPMC(Competitive Programming & Mentorship Club). My role includes leading a team of 10 people, solving their coding-related doubts, tracking their progress & helping them to excel in CP. Apart from this I also make post designs and carry out collaborative work on new event ideas for the growth of the community.

## PROJECTS

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- **Precis | Python, beautifulsoup4, NLTK, NLP**  
Developed a Python script utilizing libraries such as NLTK, NLP, and BeautifulSoup4 to generate summarized articles from given blog URLs. Demonstrated proficiency in natural language processing techniques and web scraping to automate the process of generating concise summaries.
- **ACES DYPCOE | HTML, CSS, Javascript**  
Developed and designed the official website for the college club, which serves as a hub for information and updates on upcoming events. Implemented CSS animations to enhance the user experience and created unique animations to make the website stand out.
- **Gradientify | CSS, ReactJs**  
This project is a CSS gradient border generator that allows users to customize the border color and preview it in real time. The project is deployed in React JS and generates the corresponding CSS code for the customized border. The project demonstrates skills in web development, CSS styling, and React.
- **Easy Trip | ReactJs, Socket io, Tailwind CSS, MongoDB**  
Developed a website for planning group trips with ease, featuring trip rooms with integrated access to maps, chats, and restaurant searches. Facilitated collaborative trip planning with friends, designed the user experience, and provided the design of the project..

## TECHNICAL SKILLS

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- Languages: C/C++(Proficient),Java,Python,Javascript
- Data Science: NLTK, NLP, Standard ML Algorithms(Regression, Classification, Clustering)
- Data Analysis: Numpy, Pandas, Matplotlib
- Frontend: HTML, CSS, JAVASCRIPT
- Database: Mysql, Firebase
- Framework: ReactJs, NextJs
- Developer Tools: VS Code, Git, CLion, Sublime, Figma, AdobeXd, Postman, Adobe Illustrator

## HONORS AND AWARDS

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- Completed **Advent Of Cyber 2022** on Try Hack Me.
- Solved **800+ problems** on Codechef, Leetcode, Hackerrank, Interviewbit, and SPOJ.
- Won **Hacksquad 2022** in GitHub hacktoberfest contributed to open source.
- **30 Days Of Google Cloud** solved all the challenges using google cloud technology.
- **Postman Student Expert**
- Completed **Google UX Certification** courses on Coursera and worked on a few case studies.
- Completed Coding Ninjas **Data Structures & Algorithms in C++** Course for 6 months.