UDAY GUPTA

Modinagar, UP

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EDUCATION

Meerut Institute of Engineering and Technology   **September 2022 – 2026**
*Bachelor of Engineering in Computer Science : **CGPA : 8.5***   *Meerut, India*

Indian Institute of Technology Ropar   **November 2024**
Minor in AI   *Ropar, UP*

Summary

Highly motivated Computer Science student with strong foundation in software development, data analytics and ability to contribute to problem solving and deliver innovative solutions through technical expertise.

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development

PROJECTS

Sorting Visualizer ⬀ | Technology: Python,Pygame,Tkinter,Sorting   **Sept'2024**

- Developed a sorting visualizer in Python utilizing Pygame and Tkinter, encompassing support for various sorting algorithms such as Bubble Sort, Insertion Sort, Selection Sort, Quick Sort, and Merge Sort.
- Applied Object-Oriented Programming (OOP) principles to create the ScreenVisual class, incorporating adjustable features such as grid size, delay speed and, the ability to toggle grid line.

Weather App ⬀ | Technology: HTML, CSS, JavaScript, ReactJS, NodeJS   **Oct'2024**

- Constructed an application to display weather information for specific locations.
- Enhanced customer experience with new landing page features and automatic location changes using Swift.

News-App ⬀ | Technology : React JS,CSS,Python,SQL,API,JS   **Jan'2025**

- Designed and implemented a responsive News Web App using React.js for optimal user experience.
- Integrated NewsAPI.org to fetch and display real-time news updates, enhancing the app's dynamic content.
- Ensured an engaging and accessible news browsing experience with user-centric design and error-free performance **highlight key points.**

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript
Developer Tools: VS Code, Android Studio, Intellij Idea Ultimate
Technologies/Frameworks: Linux, GitHub, ReactJS, Redux, NextJS, NodeJS, Git.
Soft Skills: Problem-Solving, Critical-Thinking, Reliability, Effective Communication, Team Collaboration

Coding Profiles

LeetCode - LeetCode Profile

CodeChef - CodeChef Profile

Coding Portfolio - Codolio Profile

GeeksforGeeks - GeeksforGeeks Profile

CERTIFICATIONS

- Salesforce Certified AI Associate - Salesforce
- Problem-Solving Basics Certificate - HackerRankk
- Microsoft Azure for AI and Machine Learning - Microsoft
- Cloud computing with AWS - Internshala
- Introduction to Data Science - Cisco
- Oracle Certified Foundations Associate - Oracle
- 160 days Challenge of Problem Solving - GeeksforGeeks