

Utkarsh Gupta

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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Aug, 2022 - Present	B.TECH in Computer Science	Graphic Era University Dehradun	9.13/10.00
2022	12 th C.B.S.E	Pt Deen Dayal Vidhyalaya	93.4 %
2020	10 th C.B.S.E	Pt Deen Dayal Vidhyalaya	91.6 %

PROJECTS

- **Election Sentiment Analysis** (Apr, 2024 - Jun, 2024) : This project involves extracting data from YouTube videos to create a comprehensive database. Leverage natural language processing (NLP) techniques to better capture relationships in your data, K-neighbor search (KNN) algorithm and random forest were used for classification. The combination of these methods provides prediction accuracy of up to 90%.
- **Banking Software** (Sep, 2023 - Oct, 2023): I created a banking program using the C language and SQLite for the database. The program offered similar features to those found in banking software. My coursework in SQL and relational database principles played a role in supporting this project laying a groundwork, for developing and integrating the database components of the software.
- **Digit Recognition** (Feb, 2024 - Mar, 2024) : Developed an artificial neural network classifier for recognizing handwritten digits which was trained and tested using MNIST dataset giving 98% accuracy.
- **Smart Contract Management** (Jan, 2024 - Feb, 2024) : Build a smart contract using Erc token in blockchain with Avalanche network using Web3, solidity and hardhat which is deployed to local host.

TECHNICAL SKILLS

- **Languages** : C++ (proficient), C (proficient), Python (proficient), Java.
- **Full Stack Developer** : HTML , CSS , JavaScript
- **Frameworks** : React.
- **Machine Learning Tools** : TensorFlow, Natural Language Processing (NLP) .

SOFT SKILLS

- **Key Skills** : Passionate engineer with a strong willingness to learn new technologies and contribute across different parts of the stack. Proficient in HTML and CSS, with a keen interest in expanding skills and knowledge towards Angular, or Vue.js etc .
- **Communication Skills** : Developed effective communication skills through collaborative projects in Full Stack development, facilitating clear and concise discussions with team members and stakeholders.
- **Problem-solving** : Applied strong analytical and problem-solving skills in resolving technical issues and optimizing code efficiency in C++ and Java.

SCHOLASTIC ACHIEVEMENTS

- **JP Morgan Code for Good 2024** : Shortlisted as one of the top 200 participants from 40,000 applicants for the JP Morgan Code for Good 2024 Hackathon in Bengaluru.
- **Blockchain Projects** : Received a scholarship of Rs 15,000 after completing multiple projects for Metacrafter in 6 months.

POSITIONS OF RESPONSIBILITY

- **Volunteer of multiple events in college** : Conducted multiple technical and non-technical events like coding , photographic competition, seminars workshops, on Git, GitHub, etc.