

Ashutosh Kumar Pandey

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GitHub:(<https://github.com/heyaashu>)

LeetCode:(<https://leetcode.com/heyyaashu/>)

EDUCATION

Year	Degree/Exam	Institute	GPA/Marks(%)
2021-25	B.TECH in Computer Science	Graphic Era University,Dehradun	9.06/10
2021	12th C.B.S.E	CHBS,BHU	88.00 %
2019	10th C.B.S.E	CHBS,BHU	93.00 %

PROJECTS

- **DHT Chord Peer-to-Peer(June 2023) : Project GitHub Repo**
 - Developed a Chord Peer-to-Peer (P2P) project implementing the Chord protocol for decentralized resource sharing and data storage.
 - Utilized TCP/IP protocols for reliable and efficient communication between nodes in the Chord network.
 - Enabled seamless node discovery and dynamic network reconfiguration, facilitating automatic node joining and departure without disruption to the network operation.
 - Language: Java
- **Sentiment Analysis on Tweets about ChatGPT (May 2023): Project Github Repo**
 - Utilized NLP techniques and algorithms to conduct sentiment analysis on a dataset of 10,000 tweets mentioning ChatGPT.
 - Quantified sentiment distribution, revealing that 70% of tweets were positive, 20% were neutral, and 10% were negative, indicating an overall positive sentiment towards ChatGPT.
 - Identified key drivers of positive sentiment, such as user-friendly interface, and accurate responses.
 - Algorithms Used: Logistic Regression, Decision Tree, Random Forest, XGBoost
- **Network Analysis Using Python(July 2023) : Project GitHub Repo**
 - Conducted comprehensive network analysis on a given dataset of edges and nodes using Python, applying centrality measures and other analytical techniques to uncover meaningful patterns and insights within the network.
 - Utilized Python libraries (NetworkX, Matplotlib) for data preprocessing, analysis, and advanced visualization to effectively communicate complex network structures and relationships.

TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python, HTML, CSS, JavaScript
- **Version Control and Platforms:** Git, Google Firebase
- **Tools and Frameworks:** Flutter, React, Figma
- **Operating Systems:** Linux, Windows

ACHIEVEMENTS

- **Hackathon 7.0:** Ranked in the top 7 teams out of 100 teams in Hackathon 7.0, conducted by UPES, where we worked on the problem statement of detecting stolen vehicles using CCTV cameras.
- **Data Structures and Algorithms:**
Solved 350+ LeetCode problems, currently in the top 23% .**Visit Profile**
- **Google Cloud Engineer Learning Path: Visit Profile**
Completed the Google Cloud Engineer Learning Path, earning 5 badges and accomplishing 3 quests.

POSITIONS OF RESPONSIBILITY

- **Organizing Member TEDxGraphicEraUniversityWomen(November 2022):**
Lead a team of 20 to conduct the event for 500+ students successfully and was responsible for Marketing and Production for the same.