BHAVYAJEET DEVDA

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EDUCATION

B.Tech in Computer Science and Engineering
[Lovely Professional University, Phagwara], 2023

M.Tech in Data Science
[Indian Institute of Information and Technology, Jabalpur], 2024 – Present

SKILLS

- **Programming Languages**: C, C++, Python
- **Core Subjects:** Operating Systems, Compiler Design, Data Structures and Algorithms, Computer Architecture, Computer Networks, DBMS, Software Engineering
- **Machine Learning & Deep Learning:** Supervised/Unsupervised Learning, Neural Networks, CNNs, RNNs, Model Evaluation Metrics

PROJECTS

Community Detection in Social Networks using Different Algorithm & Compare
- Implemented and analyzed various community detection algorithms such as Louvain, Girvan-Newman, and Label Propagation to identify meaningful clusters in social networks.
- Developed a comparative study evaluating algorithm performance based on modularity, execution time, and accuracy in detecting real-world communities. Deployed the final model using a simple web interface for easy access and testing.

Exploring the Impact of CHATGPT on Education: A Web Mining and Machine Learning Approach
- Conducted a comprehensive study on ChatGPT's potential to enhance educational experiences and address emerging challenges in digital learning environments.
- Utilized web mining techniques, natural language processing (NLP), and machine learning to analyze online educational trends and gauge ChatGPT's influence.
- Generated actionable insights to guide educators and policymakers on integrating responsible AI practices in academic settings.

Spotify Clone – Music Streaming Web UI
- Developed a visually appealing and responsive clone of Spotify using HTML and CSS.
- Focused on pixel-perfect styling and layout matching with the original platform.
- Practiced responsive design principles for compatibility across devices.

ACHIEVEMENTS

- Qualified GATE 2024 in Computer Science with a score of 451, securing a competitive rank among top candidates.
- Earned an IBM Certificate for successfully completing "What is Data Science?"
- Earned Google Cloud Boost Badges for successfully completing:
  - Responsible AI: Applying AI Principles with Google Cloud
  - Introduction to Responsible AI
  - Introduction to Generative AI

INTERESTS

Reading books, Sketching, Playing Football and Cricket, Yoga & Exercise, Meditation