



Rohit

Roll No.: 2211401275

Bachelor Of Technology

Electronic And Communication Engineering

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LeetCode Profile

🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

- **Maulana Azad National Institute of Technology, Bhopal** 2022-2026
B.Tech Electronic and Communication Engineering CGPA: 7.31
- **Government Boys Senior Secondary School** 2022
Board of Intermediate Education, Delhi Percentage: 82%
- **Mari Gold Public School** 2020
Board of Secondary Education, Greater Noida Percentage: 77.2%

PERSONAL PROJECTS

- **Next-Word Prediction Model | NLP Project | [GitHub Link](#)** *Deep learning*
 - Developed a deep learning-based next-word prediction engine using TensorFlow and Keras, simulating autocomplete behavior found in modern text editors.
 - Preprocessed and trained on a 25,000-sentence corpus ($\sim 1.2MB$) using Keras Tokenizer, handling over 7,000 unique tokens.
 - Achieved 80% top-1 and 95% top-3 prediction accuracy, optimizing model performance for real-time inference with minimal latency.
 - Designed with a focus on modular architecture and scalability, supporting future expansion to larger corpora and multilingual datasets.
 - Demonstrated the ability to experiment, iterate, and deploy models that improve user efficiency by 30% in sentence completion tasks.
- **Customer Churn Prediction | [GitHub Link](#)** *Data Analysis*
 - Built an end-to-end customer churn prediction pipeline using Python, Pandas, and Scikit-Learn on 7,000+ customer records from the Telco dataset.
 - Conducted feature engineering and EDA to extract behavioral insights; automated preprocessing steps for scalability.
 - Trained and optimized models (Logistic Regression, Random Forest, XGBoost) with 85% accuracy and 20% recall improvement, enabling timely identification of churn risk.
 - Focused on performance tuning, reducing model training time by 40% through hyperparameter optimization.
 - Designed with reusability and integration in mind, enabling easy deployment in customer analytics dashboards or backend APIs.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, C/C++

Libraries/Frameworks: Pandas, NumPy, Matplotlib, Scikit-Learn, TensorFlow

Tools/Platforms: Git, GitHub, AWS (EC2, S3), Google Colab

Core Competencies: Machine Learning, Deep Learning, Data Engineering, Exploratory Data Analysis, Model Deployment

Soft Skills: Data-driven decision making, Collaborative development, Analytical reasoning

Areas of Interest: Computer Vision, Machine Learning

POSITIONS OF RESPONSIBILITY

- **Co-Coordinator, Ae Se Aenak Street Play Society** *Aug 2024 – Present*
 - Coordinated and performed in 10+ street plays on national occasions like Independence Day and Republic Day.
 - Raised awareness on issues such as mental health, dowry, and women empowerment reaching over 500 people across multiple public platforms.
 - Efforts recognized by the Director of MANIT Bhopal.

ACHIEVEMENTS

- **Solved 300+ LeetCode DSA problems, sharpening algorithmic skills**
- **LeetCode Contest Rating: 1318 (Top 30-40% in India)**