NISHA MALLAH

city,state

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EDUCATION

National Institute of Technology, Karnartaka   **11 2022 – 04 2026**
*BTech - **CGPA** - 6.4*   *Surathkal, India*

Birla Public School   **03 2021 – 04 2022**
*CBSE Board Exam - PCMB - **Percentage** - 92.6%*   *Doha, Qatar*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Computer Network
- Database Management System (DBMS)
- Machine Learning
- OOPS Concept
- Web Development
- Cloud Computing

PROJECTS

Network Intrusion Detection System ↗ | Kaggle Notebook Used   **05 2024**

- About project
- **Objective: Detect network intrusions using machine learning.**
- **Data Handling: Preprocessing, EDA, feature engineering, and checking for missing values and duplicates.**
- **Model Training: Train multiple models (decision trees, random forests, gradient boosting).**
- **Optimization: Hyperparameter tuning with** `optuna|`**.**
- `Outcome: Best model saved for deployment.`
  .
- Live site here

Movie Recommendor System ↗ | Kaggle Notebook Used   **06 2024**

- About project
- **Technologies** : Machine Learning algorithms, Python, libraries like Scikit-learn, Pandas, and NumPy.
- **Content-Based Filtering : Recommends movies based on user preferences and movie attributes.**
- **K-Nearest Neighbors (KNN) : Suggests movies similar to those liked by the user.**
- **Collaborative Filtering : Utilizes user ratings to find and suggest movies enjoyed by similar users.**
- **Technologies : Machine Learning algorithms, Python, libraries like Scikit-learn, Pandas, and NumPy.**
  .
- Live site here

CODING PLATFORMS

- Leetcode site here   •

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, SQL, HTML,CSS
Developer Tools: VS Code, Colab, Kaggle Notebook, Jupyter Notebook
Technologies/Frameworks: MySQL, GitHub, ReactJS, NodeJS, ExpressJS, Git, MongoDB

EXTRACURRICULAR

ENGINEER 2024- Tech Fest (NITK) and Hackverse 5.0 (NITK) ↗   **10 2024 – MM 2024**
Role   *NITK*
∗ Member of Content and Creation Team **Responsibility- Creating Linkedin and Instagram posts for tech fest and hackathons**

CERTIFICATIONS

- Introduction to Cloud Computing