MALAY JAIN

Third Year Undergraduate
Department of Artificial Intelligence and Machine Learning

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EDUCATION

Course	Institute	CGPA/%	Year
B.Tech.	Sagar Institute of Research and Technology, Bhopal (M.P.)	7.6	2026
XII Class	St. Joseph's Convent S.S. School, Sagar (M.P.)	84.2%	2022
X Class	St. Joseph's Convent S.S. School, Sagar (M.P.)	76.5%	2020

WORK EXPERIENCE

Google Developers Group Lead (GDG Lead) [Chapter SIRT]   **September 2024 – Present**
- **Dynamic Event Execution**: Skillfully coordinate workshops, hackathons, and events centered on Google technologies, creating enriching experiences.
- **Strategic Marketing & Engagement**: Promote GDG activities creatively, generating excitement and fostering active participation.
- **Cutting-Edge Skill Building**: Empower students to enhance technical skills, engage in projects, and connect with the developer network.
- **Inspiring Mentorship**: Offer guidance and support, helping community members excel in their learning journeys.

GeeksForGeeks Campus Mantri   **April 2024 – Present**
- **Event Management**: Organized coding contests, hackathons, webinars, and workshops on programming and technologies.
- **Promotion & Outreach**: Promoted GFG events via social media and meetups; collaborated with campus clubs.
- **Skill Development**: Improved technical and soft skills; participated in and promoted coding challenges.
- **Mentorship**: Mentored juniors in coding; guided them in using GFG resources effectively.

PROJECTS

Cardiovascular Disease Name Prediction: Developed a Machine Learning system for detecting the name of heart disease the patient might have, we presented this model at **IIT MANDI.**
- **Implementation**: Preprocessed data including handling missing values and feature scaling. Trained Support Vector Machines (SVM), k-Nearest Neighbors (KNN), and Random Forest models. Conducted hyperparameter tuning using GridSearchCV.
- **Technologies**: Python, scikit-learn, numpy, pandas.
- **Features**: Model training, hyperparameter tuning using GridSearchCV, and evaluation using metrics such as accuracy, precision, recall, F1 score, and AUC-ROC.
- **Results:**   Random Forest: 82%   SVC: 75%

          KNN: 70%   Decision Tree: 68%

Movie Recommendation System: Developed a machine learning system for personalized movie recommendations.
- **Implementation**: Preprocessed data, trained models, and performed hyperparameter tuning.
- **Technologies**: Python, Scikit-learn, Numpy, Pandas.
- **Results**: Improved recommendation accuracy by 95%, received positive user feedback.

Loan Prediction System: Developed a Machine Learning system for predicting loan approval outcomes, aiding financial institutions in making informed loan distribution decisions.
- **Implementation**: Preprocessed data by handling missing values, encoding categorical variables, and normalizing features. Trained a k-NearestNeighbors(KNN) model to predict loan approval out comes and evaluated its performance.
- **Technologies**: Python, scikit-learn, numpy, pandas, matplotlib.
- **Results**: Achieved an accuracy of approximately 78% on test data using the KNN model.

Library Management System: Developed a Python-based application to manage library operations efficiently.
- **Implementation:** Implemented CRUD operations, user authentication, and search functionality.
- **Technologies**: Python, MySQL, Pandas.
- **Results**: Streamlined library operations, improved user experience, and reduced manual effort.

PROGRAMMING SKILLS

PROGRAMMING SKILLS	Frameworks	Languages	Tools
Machine Learning Algorithms	Flask	Python – Completed a Major Project, HackerRank Certificate	VS Code, Jupyter
Data Scientist	Tensorflow	MySQL – 5 Star on Hacker Rank	MySQL
DSA with C		C/CPP – Completed 4 Minor and 1 Major project	Power BI

EXTRA-CURRICULAR ACTIVITIES

- Part of Microsoft Learn Student Community
- Part of Young-India as Health Chair

- Event Coordinator in collage fest
- NCC 'C' Certificate
- Basket Ball Player