Malay Jain

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Education

Sagar Institute of Research and Technology, Bhopal (M.P.) — Bhopal, MP, India
B.Tech., Artificial Intelligence and Machine Learning — Aug 2022 - Dec 2026

St. Joseph's Convent S.S. School, Sagar (M.P.) — Sagar, MP, India
XII Class — Jun 2020 - May 2022

St. Joseph's Convent S.S. School, Sagar (M.P.) — Sagar, MP, India
X Class — Jun 2018 - May 2020

Work Experience

Google Developers Group Lead (GDG Lead) [Chapter SIRT]
GDG Lead — Sep 2024 - Present

- Coordinated workshops, hackathons, and events centered on Google technologies, enhancing participant engagement and learning experiences
- Promoted GDG activities through creative marketing strategies, increasing event participation and community engagement
- Empowered students to enhance technical skills through projects and networking, leading to improved proficiency in technologies like Flask and TensorFlow
- Provided guidance and support to community members, helping them excel in their learning journeys and achieve project goals

GeeksForGeeks Campus Mantri
Campus Mantri — Apr 2024 - Present

- Organized coding contests, hackathons, webinars, and workshops on programming and technologies, enhancing student engagement and technical skills
- Promoted GFG events via social media and meetups, increasing event participation and collaboration with campus clubs
- Improved technical and soft skills by participating in and promoting coding challenges, leading to enhanced personal development and peer engagement
- Mentored juniors in coding and guided them in using GFG resources effectively, resulting in improved coding skills and resource utilization among students

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.
- 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.
- Model training, hyperparameter tuning using GridSearchCV, and evaluation using metrics such as accuracy, precision, recall, F1 score, and AUC-ROC.
- Accuracies: Random Forest: 82% SVC: 75% Decision Tree: 68% KNN: 70%

Movie Recommendation System

- Developed a machine learning system for personalized movie recommendations.
- Preprocessed data, trained models, and performed hyperparameter tuning.
- Improved recommendation accuracy by 95%, received positive user feedback.

Library Management System

- Developed a Python-based application to manage library operations efficiently.
- Implemented CRUD operations, user authentication, and search functionality.
- Streamlined library operations, improved user experience, and reduced manual effort.

Skills

Programming Skills: Machine Learning Algorithms, Data Scientist, DSA with C, Python, Agile Methodology
Frameworks: Flask, TensorFlow, MySQL
Languages: Python, MySQL, C++, Objective-C
Tools: VS Code, Jupyter, MySQL, Power BI, Streamlit

Certifications

Python: From HackerRank
SQL: From HackerRank