**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