



## Education

### Sagar Institute of Research and Technology, Bhopal

Aug 2024 – June 2026

B.Tech. | RGPV | in Artificial Intelligence and Machine Learning | CGPA: 7.77

### St. Joseph's Convent S.S. School, Sagar

June 2022

12th PCM | CBSE | 84.2%

### St. Joseph's Convent S.S. School, Sagar

June 2020

10th | CBSE | 76.5%

## Technologies

**Languages:** Python, SQL, C++.

**Technologies:** Flask, Azure Database, MySQL Workbench, Azure Data Studio, Machine Learning, Power BI.

## Projects

### GCCD Bhopal AI Chatbot [github.com/MalayJain412/CCD-AI](https://github.com/MalayJain412/CCD-AI)

July 2025

- **Built:** Flask-based chatbot using **Gemini 1.5 Flash + LangChain RAG pipeline** for 100+ real-time queries.
- **Deployments:** Hosted on both **GCP** and **Azure** with custom SSL domain.
- **Impact:** Reduced manual query handling by **80%**, supported Hinglish, auto-logged chats to Google Sheets.

### SAVE THAT GRAVY: FOOD WASTE MANAGEMENT PLATFORM [github.com/MalayJain412/My-Public-Minor-Project](https://github.com/MalayJain412/My-Public-Minor-Project)

Aug 2024

- **Built:** Full-stack app with **Python + MySQL** and Random Forest Regressor for demand prediction.
- **Impact:** Cut food waste by **20%**, reduced overproduction by **40%**, and achieved **85%** accuracy.
- **Features:** Automated NGO alert system and inventory module reduced spoilage by **25%**.

### A Model for Prediction of Cardiovascular Diseases Using ML [github.com/MalayJain412/Heart-Disease-Model](https://github.com/MalayJain412/Heart-Disease-Model)

Jun 2024

- **Built:** **Random Forest** model trained on **1,000+** samples with optimized feature selection.
- **Performance:** Achieved **81% accuracy** and **95% precision** on unseen test data.
- **Recognition:** Code copyrighted; research paper under review at international conference.

## Internship Experience

### AI Intern – Inventohack Innovations Pvt. Ltd. (Remote)

Apr 2025 – July 2025

- Contributed to AI and R&D initiatives, focusing on real-world problem-solving in 2 projects.
- Assisted in data preprocessing, model experimentation, and performance evaluation.
- Gained industry-level insights by working closely with the CTO and development team.

(Ongoing)

## Publications

### Code Copyright: A Model for Prediction of Cardiovascular Diseases Using Machine Learning [Registration Number: L-157174/2024](https://www.copyright.com/register)

Aug 2024

- Authors: **Malay Jain**, Brajesh Singh Ahirwar, Shubham Rahangdale, Aniket Kumar Mishra with Sagar Institute of Research and Technology.

## Achievements & Leadership

- **Community Leadership:** GDG Campus Ambassador – organized events, promoted Google technologies and developer culture.
- **Hackathons:** 3rd Place – 1 Billion Row Data Analysis, IIT-BHU; 5th Place – National Hackathon, IIT-BHU.
- **Certifications:** NPTEL – Python for Data Science (Scored 75%).
- **Copyright:** Of code of the A Model for Prediction of Cardiovascular Diseases Using Machine Learning.

## Interests & Skills

- **Mentorship:** Guided 20+ juniors on project building, career and tech learning pathways.
- **Volunteering:** NSS blood donation camps; tech events like Google Cloud and WordPress.
- **Interests:** Travel, motorbike riding, basketball, and reading.
- **Soft Skills:** Public speaking, leadership, team collaboration, adaptability, and time management.