

Arpit Singh Gautam

MENTEE @ IBM ZSYSTEMS | ML INTERN @ SUVIDHA FOUNDATION | MUJ WIZARD PROGRAMMER | ARTIFICIAL INTELLIGENCE ENTHUSIAST

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"Trying to learn from all aspects of my life."

Personal Profile

I am a 2nd year college student who has a strong interest in Data Analysis, Machine Learning and Computer Vision. Despite the fact that I am still a novice in the profession, I am keen to advance my knowledge and abilities through coursework and independent projects. I am actively seeking opportunities to collaborate with experienced professionals in the industry and apply my skills to real-world projects. My ultimate goal is to contribute to the development of innovative solutions that make a positive impact in the world.

Education

Manipal University Jaipur

Jaipur, Rajasthan

B.Tech (Hons) with specialization in Artificial Intelligence and Machine Learning

2021 - 2025

- Awarded the title of "MUJ WIZARD PROGRAMMER"
- Deputy Head of Design - PHI Phenomenon Club
- **Courses:** Data Science, Automata Theory, Software Project Management, Artificial Intelligence, Machine Learning, Deep Learning, Game Theory

St. Joseph's Convent School

Varanasi, India

Higher Secondary Education (Class 11th-12th)

2019 - 2021

- Percentage: 85.2 % (Computer: 94/100)
- Relevant Subject: Java, Computer

St. Joseph's Convent School

Varanasi, India

Senior Secondary Education (Class 10th)

2019

- Percentage: 81.5 % (Computer: 97/100)
- Relevant Subject: Java, Computer

Work Experience

Suvidha Foundation

Remote

Machine Learning Intern

March 2023 - April 2023

- Working as a Machine Learning Intern at a NGO. Being a part of this vibrant nonprofit organization excites me.
- Working on a Deep Learning Research project.
- **Technical Skills:** Natural Language Processing (NLP) · Active Learning · Reinforcement Learning · Transfer Learning · Deep Learning · Machine Learning · Python
- **Soft Skills:** Time Management, Communication, Presentation skills.

IBM

Remote

Mentee

January 2023 - Present

- Working as an ML Developer under seasoned Individuals and Building 2 of my Projects (A Startup idea and a Non-Profit App).
- Working with technologies including Python, Django, Data Preprocessing, EDA, Computer Vision, NLP, Deep Learning.
- **Technical Skills:** Deep Learning · Data Analysis · Carbon · Flask · Python
- **Soft Skills:** Teamwork, Team Management, Time Management, Communication, Presentation skills.

Safcurl. (Upcoming Startup)

Remote

Backend Developer Trainee

July 2022 - January 2023

- Complete allocated Tickets before the end of sprint Create Models for the given ER.
- Created Rest Apis and tested them on Postman
- **Technical Skills:** Python · Django · Rest APIs · Postman · Git · Github · Jira
- **Soft Skills:** Teamwork, Team Management, Time Management, Communication, Presentation skills.

Voluntary Experience

Coincent.ai

Remote

Student Ambassador

Nov-Dec 2022 & Feb-March 2023

- Introduce this platform to my peers and coworkers through a variety of channels.
- **Soft Skills:** Social Media Marketing · Communication · Public Relations

Phi Phenomenon MUJ

Deputy Head of Design

- Collaborating with team members to design visual materials for events and projects.
- **Soft Skills:** Team Leading, Team Management

Jaipur, Rajasthan

June 2022 - Present

CodeChef MUJ Student Chapter

Working Member

- Provided & Solved Daily Questions in Social Media Groups
- **Technical Skills:** Code · Programming · C++ · C · Java

Jaipur, Rajasthan

June 2022 - January 2023

Projects

Buddy

Techidate Hack it Up Hackathon

- Developed an AI Assistant that uses CV and NLP to assist users in identifying and learning about different objects.
- It is entirely hands-free. Can accept voice input and emit voice output.
- Trained Multiple CNN model for different services with accuracy varying between 80-95% and loss between 5-40%
- **Technical Skills:** Python, Computer Vision, Natural Language Processing, CNN, Voice to text, text to Voice

Remote

March 2023

Recipe Genie Pad

Personal Project

- Trained a CNN model to take a picture of a dish and list the ingredients and instructions for preparing it.
- Accuracy 83.76% Loss 63.43%
- **Technical Skills:** Python, Computer Vision, CNN, streamlet, Django

Remote

Feb 2021

MUJ Attendance 2.0

T-Hunt Hackathon

- Created a Advanced AI Attendance System
- Taking attendance of students with just a hover of a mobile
- **Technical Skills:** Python, Face Recognition, Computer Vision, IP Hosting.

Jaipur, India

Jan 2023

Sign Language Detection System

Manipal University Jaipur

- Created a model to automatically recognize and interpret sign language gestures.
- Created my own data set and trained it.
- **Technical Skills:** Python, Computer Vision, Data Creation, CNN

Jaipur, India

Nov 2022 - Dec 2022

Other Projects

Personal Projects

- **Crime Analysis & Prediction, Face Scrambler, Chess Engine from Scratch, Face Rec system, Backend Project.**

Remote

Skills

Programming Python, C, Java, SQL, Libraries: Pandas, Django, Tensorflow, PyTorch, NumPy, Scikit-learn, etc.

Miscellaneous Linux, kail, Shell, Tableau, PowerBI, Gira, REST APIs, Git.

Soft Skills Adaptability, Time Management, Teamwork, Leadership, Problem-solving, Documentation, Engaging Presentation.

Awards

Feb 2022 **Certificate of Excellence**, Coincent.ai

India

Feb 2023 **4th Rank**, The Latest Cut Hackathon

International

Jan 2023 **Winner - 1st Rank**, T-Hunt Hackathon

India

Nov 2022 **Winner**, Panacea Clone Wars

India

Oct 2022 **2nd Runnerup for best use of IBM zSystems**, SacHacks IV Hackathon

International

Interests

Gaming I always had the gaming gene. I love playing Story focused along with online PvP FPS games. Valorant: Diamond 3, Six Seige: Plat 1

Chess I've been casually playing chess since 2019, and I really enjoy it. Maximum rating: 1560

Programming I love to code. I use automation to complete the basic daily tasks.

Boxing From the 11th class, I have been boxing alone. I've recently began to participate in bootcamps to learn from professionals.