# **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**

As a B.Tech student in Computer Science and Engineering with a specialization in Artificial Intelligence and Machine Learning, I am passionate about exploring and diving into the constantly evolving field of technology. I am particularly interested in Artificial Intelligence, Cyber Security and have been actively participating in hackathons to gain hands-on experience in these areas. Currently, I am under IBM mentorship, looking to further develop my skills and knowledge in these fields, and connect with like-minded individuals in the industry.

### w 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

2019 - 2021

Higher Secondary Education (Class 11th-12th)

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

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  $\cdot$  Git  $\cdot$  Github  $\cdot$  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

March 21, 2023

Phi Phenomenon MUJ

Jaipur, Rajasthan

Deputy Head of Design

June 2022 - Present

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

#### **CodeChef MUJ Student Chapter**

Jaipur, Rajasthan

June 2022 - January 2023

Working Member

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

## **Projects**.

**Buddy** Remote

Techidate Hack it Up Hackathon

March 2023

- 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

Recipe Genie Pad

Remote

Personal Project Feb 20213

- 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

MUJ Attendance 2.0 Jaipur, India

T-Hunt Hackathon Jan 2023

- 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.

### **Sign Language Detection System**

Jaipur, India

Manipal University Jaipur

Nov 2022 - Dec 2022

- · 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

**Other Projects**Remote

Personal Projects

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

### 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 <b>Certificate of Excellence</b> , Coincent.ai	India
Feb 2023 4th Rank, The Latest Cut Hackathon	International
Jan 2023 Winner - 1st Rank, T-Hunt Hackathon	India
Nov 2022 <b>Winner</b> , Panacea Clone Wars	India
Oct 2022 <b>2nd Runnerup</b> , 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.

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