

Arpit Singh Gautam

MENTEE @ IBM zSYSTEMS | EX-ML INTERN @ SUVIDHA FOUNDATION | MUJ WIZARD PROGRAMMER | ARTIFICIAL INTELLIGENCE ENTHUSIAST

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Personal Profile

I am an individual with a strong interest in Data Analysis, Machine Learning and Computer Vision. 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.

Professional Experience

IBM

Remote

Mentee

January 2023 - May 2023

- Developed and implemented machine learning models for two projects, including a startup idea and a non-profit app, leveraging technologies such as Python, Django, Data Preprocessing, EDA, Computer Vision, and NLP.
- Applied deep learning techniques to enhance data analysis and successfully contributed to the development of innovative solutions in collaboration with a seasoned team at IBM.
- Technical Skills:** Deep Learning · Data Analysis · Django · Computer Vision · NLP · Python
- Soft Skills:** Teamwork, Team Management, Time Management, Communication, Presentation skills.

Suvidha Foundation

Remote

Machine Learning Intern

March 2023 - April 2023

- Was part of the team researching on Abstractive Text Summarization.
- Worked with Hugging face Transformers & Researched on accuracy between different LLMs.
- Technical Skills:** Natural Language Processing (NLP) · Deep Learning · Machine Learning · Python
- Soft Skills:** Time Management, Communication, Presentation skills.

Safcurl. (Upcoming Startup)

Remote

Backend Developer Trainee

July 2022 - January 2023

- Completed Sprint Tickets on Jira.
- Built Models, Implemented APIs & Maintain the DB.
- Wrote efficient code and pushed it to Github.
- Collaborated with cross-functional teams.
- Technical Skills:** Python · Django · Rest APIs · Postman · Git · Github · Jira
- Soft Skills:** Teamwork, Team Management Time Management, Communication, Presentation skills.

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

Secondary Education (Class 10th-12th)

2019 - 2021

- Class 12** | Percentage: 85.2 % (Computer: 94/100)
- Class 10** | Percentage: 81.5 % (Computer: 97/100)
- Relevant Subject: Java, Computer, Maths
- Excelled in various Olympiad competitions, showcasing exceptional talent and achieving victories in three distinct events.
- Completed the intensive Life Training for Leaders of School Cabinet program in Indore, acquiring essential leadership skills and fostering personal growth.

Awards

April 2023	Winner - 3rd Rank , Bon Hacketit Hackathon	International
March 2023	Winner - 2nd Rank , Mini Hacks 3.0 Hackathon	Jaipur
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

Voluntary Experience

Streamlit & PreGrad & Coincent.ai

Student Ambassador

Remote

March-April 2023 & Nov/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

General Secretary

Jaipur, Rajasthan

June 2022 - Present

- was a deputy head of design until this point.
- Collaborating with team members to design visual materials for events and projects.
- **Soft Skills:** Team Leading, Team Management

CodeChef MUJ Student Chapter

Working Member

Jaipur, Rajasthan

June 2022 - January 2023

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

Projects

Recipe Genie Pad

Bon Hacketit Hackathon

Remote

April 2023

- Created a Streamlit webapp which identifies the entered dish and provides the links to videos & articles on how to prepare it.
- Automated searching for the dish on food delivery platforms. just click a button and let the app do the work for you.
- **Technical Skills:** Python, Computer Vision, CNN, Streamlit, selenium

Buddy

Techidate Hack it Up Hackathon

Remote

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

MUJ Attendance 2.0

T-Hunt Hackathon

Jaipur, India

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

Manipal University Jaipur

Jaipur, India

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

Personal Projects

Remote

- **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 Tableau, PowerBI, Gira, REST APIs, Git, Linux, kail, Shell.

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

Hobbies

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.