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

Date	Award	Location
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
Remote

Student Ambassador
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
Jaipur, Rajasthan

Upcoming President
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
Jaipur, Rajasthan

Working Member
June 2022 - January 2023

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

Projects

Recipe Genie Pad
Remote

Bon Hacketit Hackathon
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
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

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	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.