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.

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 *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*

Working Member *June 2022 - January 2023*

- 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	**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**, 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.