

# Ankit Prajapati

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## Summary

I am aspiring to be a computer science professional with first-hand experience in Web & App development and AI with Robotics(Humanoid Robots). I am seeking an internship opportunity to apply my knowledge in programming, computer vision, AI / ML, and IoT to innovative projects.




## Education

<b>Indian Institute of Technology, Madras</b> <i>BS in Data Science</i>	<i>May 2023 – May 2027</i>
<b>Indore Institute of science and Technology, Indore</b> <i>B.Tech In Computer Science Engineering</i>	<i>Sept 2023 – May 2027</i>
<b>Delhi Public School, Sagar MP</b> <i>Higher Secondary education, 12th From CBSE in PCM + Informatics Technology</i>	<i>April 2021 - Jan 2022</i>

## Experience

<b>AI Engineer — Open-Source Contributor</b> <i>Klover.AI</i>	<i>Remote</i> <i>Jan 2025 – Present</i>
<ul style="list-style-type: none"><li>Developed multi-agent AI systems for Artificial General Decision-Making (AGD) and optimized AI models.</li><li>Researched and improved AI decision-making algorithms for scalability and interoperability.</li><li>Contributed to the development of AI models and open source frameworks while ensuring compliance.</li></ul>	

## Projects

<b>Saathi: AI-Powered Medicine Dispenser for Elderly Health Monitoring</b> <i>IISF 2024 ST Hackathon at IIT Guwahati</i>	<a href="#">GitHub link</a> 
<ul style="list-style-type: none"><li>Developed an AI-integrated smart medicine dispenser, enabling real-time health monitoring, automated reminders, and caretaker alerts for elderly safety.</li><li>Implemented IoT integration for real-time health tracking and emergency detection, improving elderly care.</li><li>Tools used: Flutter, IoT, AI, Python, Firebase</li></ul>	
<b>Watch Tower: AI-Powered Security System for Institute Hackathon, IIT Roorkee (2024)</b>	<a href="#">GitHub link</a> 
<ul style="list-style-type: none"><li>Designed a license plate recognition system using computer vision and OCR for automated vehicle authentication.</li><li>Developed a web app with React.js, Next.js, and JavaScript, integrating a Python-based OCR pipeline(95</li><li>Tools Used: React.js, Next.js, JavaScript, Python, Open CV, OCR</li></ul>	
<b>Jarvis: Desktop Assistant (Voice-Controlled AI Program)</b>	<a href="#">GitHub link</a> 
<ul style="list-style-type: none"><li>Developed a Python-based desktop assistant to execute tasks via voice commands.</li><li>Tools Used: Python, Speech Recognition, Wikipedia API</li></ul>	

## Skills

**Programming:** Python, C/C++, Java, JavaScript, Arduino Programming, HTML CSS  
**Frameworks Libraries:** OpenCV, ROS, PyTorch, TensorFlow, NumPy, Pandas, Matplotlib, Next.js, React.js, Tailwind, Firebase, Supabase, REST API, Web and App Dev Libraries  
**AI Computer Vision:** Image Processing, OCR, Computer Vision, Deep Learning, Machine Learning  
**Tools Technologies:** PyTesseract, Hugging Face, Streamlit, Flutter, Git/GitHub, Raspberry Pi, ESP32

## Competition

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Participated in the Ideathon Tech Competition organized by IIST Indore

Participated in the Viksit Bharat Hackathon at IIT Guwahati, 24 hour hackathon

First runner-up of the Watch Tower IIT Roorke Hackathon.

Participated in the CTF Cyber Security Competition at IIT Roorke.

## Position of responsibility

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Core Team Member — Robotic Club   Ai Club

Content Head, Robotic Club:

Leading Content initiatives, exploring innovative robotic solutions and methods to learn robotics effective way, and guiding team members in technical advancements.

Management, Ai Club: Oversee organizational activities, coordinate events, and ensure efficient club operations.

## TRAINING: SIGS

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**T**rainig Overview:

Underwent training at SIGS, where I focused on enhancing my technical and practical skills in various areas including IoT (Internet of Things), Embedded Systems, Web Development, and Programming Languages like C/C++ and JAVA.