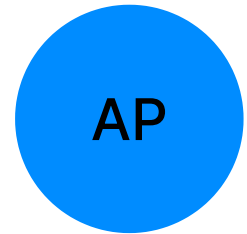


ANKIT PRAJAPATI

Aspiring Computer Science Professional

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SUMMARY

I am aspiring to be a computer science professional with firsthand experience in robotics and web & app development. I seek an internship opportunity to apply my skills in programming, computer vision, and IoT to innovative projects. My work includes developing autonomous robots, coordinating conferences, and winning hackathons, showcasing my commitment to learning and innovation.

EXPERIENCE

Core Member-Robotics Club

Indore Institute of Science and Technology

📅 10/2024 - 01/1970 📍 Indore Madhya Pradesh

Educational institution focusing on science and technology.

- Designed autonomous robots integrating OpenCV and image processing for navigation tasks.
- Conducted workshops on ROS and computer vision, training over 30 students.

Core Member-AI Club

Indore Institute of Science and Technology

📅 10/2024 - 01/1970 📍 Indore Madhya Pradesh

Educational institution focusing on science and technology.

- Organized collaborative projects focusing on ML and Deep Learning.

Conference Coordinator

Indore Institute of Science and Technology

📅 08/2024 - 01/1970 📍 Indore Madhya Pradesh

Educational institution focusing on science and technology.

- Organized a research conference for the first time at college.
- Presented a research paper and engaged a panel of experts.

EDUCATION

Online BS in Data Science

Indian Institute of Technology, Madras

📅 05/2023 - 01/1970

B. Tech Computer Science Engineering

Indore Institute of Science and Technology, Indore Madhya Pradesh

📅 09/2023 - 01/1970

Higher Secondary CBSE

Delhi Public School, Sagar Madhya Pradesh

📅 03/2021 - 03/2022

SKILLS

Algorithms API apis Arduino

canva Computer Vision

Data Science figma Firebase

Flutter Git Github Informatics

IoT Java Javascript

Matplotlib microcontrollers

Next.js node node.js Numpy

OpenCV Pandas Python

PyTorch Raspberry Raspberry PI

react.js rest Robotics

streamlit tailwind Tensorflow

Typescript UI/UX

STRENGTHS



Analytical Skills

Analytical Thinking skills demonstrated through project development.

PROJECTS

Saathi

📅 08/2024 - 08/2024

Medicinal Aid for Elderly Safety and Health Monitoring project.

- Developed an advanced medicine dispenser tool for elder care, combining health monitoring, safety features, and caretaker connectivity.
 - Built a web and mobile app for seamless connectivity with Medical Dispenser using Flutter.
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Security System

📅 08/2024 - 08/2024 📍 IIT Roorkee

Security System for Institute Watch Tower Hackathon project.

- Built a web application using React.js and Next.js, using modern JavaScript and TypeScript for real-time license plate recognition with a Python-based OCR system.
 - Implemented image segmentation and preprocessing techniques, achieving 95% accuracy.
-

Text Extract: OCR Web Application

📅 08/2024 - 08/2024

Independent project focusing on text extraction from images.

- Developed a web app using PyTesseract and Streamlit for extracting text from images.
 - Improved the interface for batch processing with real-time feedback.
-

Viyomi-Robot

📅 08/2024 - 08/2024

Robot designed for the IIST Robotics Club.

- Designed and programmed a Raspberry Pi-powered robot.
 - Featuring voice modulation and speech recognition capabilities.
-

Tower of Hanoi Game

📅 08/2024 - 08/2024

Interactive game project.

- Built an interactive Tower of Hanoi game using React.js and Node.js.
 - Focused on efficient algorithms and engaging UI design.
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Desktop Assistant

📅 08/2024 - 08/2024

Voice-controlled AI program.

- Created a Python-powered desktop assistant capable of performing tasks via voice commands.
- Integrated features like app launching, Wikipedia search, and multimedia playback.