

Ayush Sai

New Delhi, India | ayxshsai@gmail.com | +91 81303 59286 | linkedin.com/ayush-sai |
leetcode.com/Ayxsh07 | github.com/Ayxsh03

Overview

Enthusiastic undergraduate CSE with a strong foundation in computer science and mathematics, eager to learn and contribute to innovative projects. Passionate about developing solutions to real-life challenges through technology and continuous learning.

Education

K.R. Mangalam University	Sept 2022 – June 2026
Bachelor of Technology in Computer Science Engineering, GPA 8.62/10.0	
St. Paul's School, CBSE Board	April 2018 – March 2021
<ul style="list-style-type: none">• Class 12th: 96.4%• Class 10th: 91.4%	

Internship Experience

Fourth Partner Energy Private Limited AI/ML Intern	June 2025 – Present
<ul style="list-style-type: none">• Developing an AI-powered CCTV surveillance system using facial recognition to enhance real-time security.• Integrating an alert system to detect and notify unauthorized access events at a solar power plant.• Applying computer vision and machine learning techniques to automate and scale security infrastructure.	

Projects

Personal AI Assistant

- Developed a voice-controlled AI Assistant capable of understanding natural language queries.
- Trained a custom Machine Learning model for intent classification, supporting actions like fetching weather reports, latest news, telling jokes, and opening apps.
- Integrated various external APIs to provide real time updates and responses dynamically.
- Tools and Technologies: Python, scikit-learn, SpeechRecognition, pyttsx3, openai and APIs

DigiCam-Classifer

- Developed a machine learning model using CNN to recognise and predict handwritten digits accurately.
- Trained the model on the MNIST dataset, achieving robust performance through data preprocessing and optimization.
- Integrated computer vision techniques for real-time digit recognition using OpenCV.
- Tools and Technologies: Python, Keras, TensorFlow, OpenCV, MNIST dataset

Technical Skills

Languages: Java, Python, MySQL, HTML, CSS

Technical Proficiency: DSA, Machine Learning, DBMS, OOPS, Operating Systems

Frameworks: TensorFlow, Keras, OpenCV, Scikit-learn, Hugging Face, Django

Developer Tools: Jupyter Notebook, Collab, VS Code, GitHub

Additional Information

GATE DA 2025: Qualified GATE Data Science And Artificial Intelligence 2025

LeetCode: Ranked in the Top 15% in Contest Rating

Soft Skills: Problem Solving, Critical Thinking, Communication Skills, Team Player

AI and Drone Workshop, IIT Mandi: Learned basics of integrating computer vision and AI techniques into drones in the Drone Technology Bootcamp organised by C.O.E. in AI, IIT Mandi