

Aashutosh Tiwari

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- GitHub: <https://github.com/AASHU7688>



OBJECTIVE

Motivated AI/Data Science-focused Software Developer with a strong foundation in Python, Machine Learning, and Deep Learning. Experienced in data preprocessing, exploratory data analysis, and applying ML/DL models to solve real-world problems. Capable of building data-driven and interactive applications while continuously learning advanced AI techniques.

SKILLS AND INTEREST

Programming Languages	C++, Python, JavaScript
Frontend Technologies	HTML5, CSS3
Database	SQL
Backend & Frameworks	Django, Flask and REST API
ML & AI	Machine Learning, Deep Learning and Generative AI
Cloud & Tools	AWS and Git, GitHub, Power BI
Soft Skills	Adaptability, Quick Learner, Leadership

EDUCATIONS

Sagar Group of Institutions - SISTec	2022 - 2026
Bachelors of Technology in CSE with AI&DS	Cgpa:7.17
Holy Faith Bal Red Khurd Harda	2021 - 2022
Higher Secondary (Class XII)	Percentage:66.6
Academic Heights Public School Timarni	2019 - 2020
High School (Class X)	Percentage:73.8

CERTIFICATIONS

- **National Programme on Technology Enhanced Learning** – The Joy of Computing Using Python
- **AWS Academy** – AWS Cloud Foundations (Graduate Training Badge)
- **GFG** – Generative AI, LLM & RAG – Skill Up
- **Sheryians Coding School** – Python with Data Science

PROJECTS

- **AI Resume-Job Description Analyzer (GitHub):** Developed an AI-powered Resume-JD Analyzer using RAG architecture with LangChain and ChromaDB. Implemented semantic embeddings using Sentence-Transformers and performed local LLM inference using LLaMA 3.2 via Ollama to produce ATS-style evaluation results.
- **AI-Based Ayurvedic Plant Identifier & Medicine Recommender System (GitHub):** Developed an AI-based system to identify Ayurvedic medicinal plants using YOLOv8 deep learning model and integrated it with a Django web application to recommend herbal medicines and their uses.
- **MediScan-Medical Report Analysis & X-Ray Diagnosis Platform (GitHub):** MediScan is a full-stack web application designed for medical diagnostics using OCR-based report analysis and AI-powered X-ray disease classification.
- **Student Mental Health Predictor (GitHub):** This project aims to address the growing concern of mental health among students by providing a machine learning-based web application that predicts the mental health condition of students based on various parameters.

POSITIONS OF RESPONSIBILITY

- **President** – Kaggle Koders Committee Department of CSE (AI & DS) [2024 - 2025]
- **Member** – Kaggle Koders Committee in Department of CSE (AI & DS) [2023 – 2024]

HOBBIES AND INTEREST

- Watching Cricket & Shayari Writing