

Ayush Ranjane

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Professional Summary

Aspiring AI & Data Science student with hands-on experience in building machine learning models and full-stack AI applications. Skilled in Python, data analysis, and ML-based prediction systems. Actively seeking a data science or ML internship to apply analytical and problem-solving skills to real-world projects.

Technical Skills

- Programming Languages: Python, C++, SQL
 - Web Technologies : HTML, CSS, JavaScript
 - Machine Learning : Supervised Learning, Classification, Data Preprocessing
 - Data Analysis : Pandas, NumPy, EDA
 - Tools & Platforms : Git, GitHub, Jupyter Notebook, Fast API, Power BI
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Projects

Travel Setu (In Progress)

Tech Stack: React, Fast API, PyTorch

- Built an AI-powered travel platform connecting travellers with local agents
- Designed ML-based recommendation system for hotels, flights, and activities
- Developed itinerary planner based on user preferences, budget, and activities

[GitHub link](#)

Titanic Survival Prediction

Tech Stack: Python, Scikit-learn, React, Fast API, Netlify

- Developed a supervised ML model to predict passenger survival
- Implemented data preprocessing and feature analysis on Titanic dataset
- Deployed full-stack application on Netlify for real-time predictions

[GitHub link](#) | [Live link](#)

Automatic Parking Assistance System (APAS)

Tech Stack: Arduino, C++, Infrared Sensors

- Designed a smart car capable of autonomous line following and self-parking
 - Used IR sensors for path detection and motor driver for precise movement
 - Demonstrated real-world application of embedded systems and automation
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Education

B.E. in Artificial Intelligence & Data Science 2023 – 2027	8.51
Dr. D. Y. Patil Institute of Engineering, Management and Research, Pune	(till date)
Higher Secondary (12th) 2023	69.17%
Dnyansamwardhini Junior College, Shirwal, Satara	
Secondary (10th) 2021	75.40%
Dnyansamwardhini Vidyalaya, Shirwal, Satara	

Certifications

Data Analysis with Python	[IBM on Coursera]
Machine Learning with Python	[IBM on Coursera]
Collaborate Effectively for Professional Success	[IBM on Coursera]

Language

- English
- Hindi
- Marathi
- German(Elementary Proficiency)