



UDDESHYA PACHAURI

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Portfolio

Career Objective

Aspiring to be a skilled professional in AI and ML domain, leveraging my strong foundation in algorithms, statistical modelling, and data analysis to create intelligent systems that drive meaningful insights and deliver impactful results.

Education

Chandigarh University, Mohali

Masters of Computer Applications: AI and ML
2022 – 2024 Score: 72.9%

Dr. MPS College, Agra

Bachelors of computer Applications
2019 – 2022 Score: 73%

Holy Public school, Agra

Intermediate: CBSE
2019 Score: 63%

Holy Public Junior college, Agra

Matriculation: CBSE
2017 Score: 79%

Technical Skills

- Programming Language: Python | C | C++ | JavaScript
- Analytical skills: Advanced Excel | Tableau | SQL | Exploratory Data Analysis | Statistical Analysis | Reporting
- Data Science: Machine Learning | NLP | Transformers | Deep Learning | PyTorch | Large Language Models | Regression | Transformers | Sparke | Pipelines | classification | Generative AI | Prompt Engineering | Snowflake | keras | tensorflow
- Other: Git | Html | CSS | bootstrap | Flask | Postman | REST API | Streamlit | Agile | Azure | AWS services | JSON | API handling

Interpersonal skills

Quick Learner | Problem Solving Skills | Leadership skills | Adaptability | Problem solving | Optimistic | Analytical Mindset | Empathic | Communication | Collaboration | Client Handling

Languages

English | Hindi | Punjabi

Professional Experience

Data Science Research Intern

Krista Software, Pune | Jan 2024- Feb 2024

- Led R&D initiatives at Krista Software, focusing on generative AI and advanced Language Models.
- Engineered a streamlined pipeline to evaluate and optimize model responses to user prompts.
- Showcased expertise in AI and ML, contributing to improved response generation methodologies.

Relevant Projects

Multimodal AI Voice Assistant

Deep learning | CNN | whisper | LLM fine tuning | Transformers architecture | Machine learning | Pipelines | flask | Python | Large Language Models | gTTS
LINK- [Multimodal_chat](#)

Personalized Travel Budget Prediction using ML

Pandas | Seaborn | Pickle | Web technologies | Software management | Machine learning | Pipelines | flask | Python LINK- [Travel Budget Prediction](#)

Image Captioning Tool

Python | NLP | neural networks | Transformers | Hugging Face | Streamlit | Scikit Learn
Users can generate the caption of images uploaded by them.
Link- [Image Captioning code](#)

Personal Portfolio

Html | Css | Javascript | Bootstrap
This is my personal portfolio where I showcase my work.
Link- [Portfolio Code](#) and [Interface](#)

Certifications

- React JS and Node JS | Infosys Springboard 11/2022
- Automation Anywhere
- Machine learning by IBM From coursera
- Exploratory Data Analysis by IBM From coursera

Extra-Curricular

Gold Medal for General Knowledge quiz competition held in school | Cricket team leader in 11th -12th standard.

Interests

Data Science | Generative AI | vlogging | Travel