Rishabh Pachauri

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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech., CSE	Central University Of Rajasthan, Ajmer	7.85	2024
B.Tech., IT	Noida Institute Of Engg. & Technology	6.66	2020
Senior Secondary	Kids Corner Inter College/State Board	77%	2015
Secondary	Kids Corner Inter College/State Board	83%	2013

Experience

- **Photomath [🌐]** *2020-2022*

  Subject Matter Expert(Freelance)

  ◦ contributed on creating high quality maths learning content to help students learn maths worldwide.

  ◦ Promoted as a reviewer and got responsibility to review maths content before passing content to the end user.

Projects

◦ **Urban Farming: [Contribution on Urban Farming Project by Omdena]** *Jan, 2024-Apr, 2024*

Tools: [Sentinel Hub, Google Colab Pro, MODIS Land Data Acquisition] [🐙]

∗ The tasks were to select Optimal Location for urban farming, pest management, crop selection and yield prediction.

∗ The data was collected using different satellite frameworks.

∗ The task was performed to get the optimal location in urban area where farming can be done.

∗ Deep learning was used to create the models for making necessary predictions.

◦ **Text Classification using NLP: [Hate Speech Detection On Social Media]** *June 2024*

Tools: [Google Colab Pro] [🐙]

∗ Two different datasets were taken in the project.

∗ Both the datasets were finetuned on six different Transformer-Based Language Models like Bert and its different variants.

∗ Ensemble Learning was used to get the best accuracy model.

◦ **Data analysis on Space-X data.: [Space-X Falcon 9 first stage landing prediction]** *June 2024*

Tools: [Google Colab Pro] [🐙]

∗ Space-X data of falcon 9 was taken.

∗ The task was to predict that if falcon-9 will land successfully on first stage or not.

∗ Data visualization, data analysis, and machine learning was used for prediction.

Skills

◦ **Programming Languages**: [C, Python, SQL, HTML]
◦ **Technologies**: [LLM, NLP, Computer Vision, Generative AI]
◦ **Tools**: [Google colab pro, Jupiter Notebook, MYSQL, VC Studio]
◦ **Framework**: [Tensorflow, Keras, Hugging Face]

Certifications

◦ **Coursera**, IBM certification of applied data science. *2024*

◦ **Coursera**, IBM certificate of Databases and SQL for Data Science with Python(With Honors) *2024*

◦ **Coursera**, IBM certification of Machine Learning with Python(with Honors) *2024*