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SKILLS

DATA SCIENCE & VISUALISATION

MACHINE LEARNING & AI

PYTHON & MATLAB

HTML, CSS, JAVASCRIPT

SQL & NOSQL

NUMPY, SCIPY, PANDAS

TENSORFLOW, SCIKIT LEARN

REMOTE SENSING

SPATIAL INFORMATICS

NODE.JS, REACT.JS, EXPRESS.JS

ACHIEVEMENTS/HOBBIES

Dean's List Position Holder IIITH

Best Student Awards

Table Tennis & Chess Champion

Music & Video Production



ROMIL PANDYA

IISC Bangalore | IITR | IIITH | MSU

Python Developer at Skyroot Aerospace

FORMER TEACHING ASSISTANT AT IIIT HYDERABAD

The Gate and Jee qualified Engineer from IIIT Hyderabad, Having distinction throughout all academic years.

Passionate about Programming, Data Science, Machine Learning, Artificial Intelligence. A Teamplayer and Goal oriented being with constant learning attitude.

PROJECTS

Software Development for Rocket Solid Propulsion Engine Design
(2022- current)

Skyroot Aerospace And DRDO

Developed a software for solid propulsion based rocket engine design and analysis. Used Python, Matlab to automate solidworks for regression analysis. Used Python for data analysis and performance prediction for rocket engine.

Data Analysis and Deep Learning in object identification using
Ground Penetrating Radar
(2021-2022)

IISc Bangalore

Developed a Deep Learning Model which can identify physical properties of objects beneath the soil including depth, Diameter, Water Content of Soil with the help of A_scans and B_scans as an input from GPR Machine.

Web Crawler for Google Search and Flipkart
(2021)

IIIT HYDERABAD

Developed a web scraping algorithm which can give you all the information about any particular websearch over Google in an Excel sheet with all the unique links and website locations. Used Python and BeautifulSoup for the same.

Earthquake Prediction Project using AI and ML
(2020)

IIT ROORKEE

Developed an Artificial Neural Network which can predict the magnitude of Earthquake at any place of India. Used Data Science, Machine Learning & Deep Learning knowledge to develop the project.

EDUCATION AND EXPERIENCE

Python Developer
Skyroot Aerospace
(2022 - current)

Research Fellow in Deep Learning Applications
(2021 - 2022)

IISC BANGALORE

Research Intern
(2019 - 2021)

IIT Roorkee, IIIT Hyderabad, IISc Bangalore

MTECH Computer Aided Structural Engineering
(2019 - 2021)

IIIT HYDERABAD

CGPA : 9.5

GRADUATE TRAINEE ENGINEER
(2018 - 2019)

PRATHAM ENTERPRISES

DATA SCIENCE IN SUPPLY CHAIN MANAGEMENT

BTECH : MSU BARODA : CGPA : 8.62

STD XII : PERCENTILE RANK : 98.91

STD X : PERCENTILE RANK : 99.68

(2014 - 2018)

(2012 - 2014)

(2011 - 2012)