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Rahul Patil

Technical Skills: Python, Java, SQL, R, Pandas, Data Analysis, Predictive Modeling, Data Visualization, Machine Learning, Numpy, Scikit-learn, Matplotlib, Tensorflow, Excel, Tableau

Certification:

- Google Data Analytics Professional Certificate, Coursera, June 2023
- IBM AI Engineering Professional Certificate, Coursera, July 2023
- Accenture Data Analytics and Visualization Virtual Experience, Forage, July 2023

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
Int. MTech (CSE) Data Science	Oct 2020 – Ongoing	Vellore Institute of Technology, Bhopal	8.91/10
Class XII	March, 2020	Horizon English Medium School & Jr. College, Pune	75.2%
Class X	May, 2018	Kendriya Vidyalaya No.1 Dehu Road, Pune	80.4%

ACADEMIC PROJECTS	
Machine Learning	<ul style="list-style-type: none">▪ Classification of HAM10000 Skin Dataset<ul style="list-style-type: none">- Successfully conducted a comprehensive classification analysis on the HAM10000 Skin dataset utilizing advanced machine learning techniques for accurate identification of skin lesion types.- Technology: Python, Scikit-learn, jupyter notebook, and deep learning frameworks to preprocess data, engineer features, and train a robust classification model, achieving high accuracy and performance.- Solo Project- Results: Achieved a commendable 83.9% test accuracy in accurately identifying various skin lesion categories, showcasing strong data analysis and model optimization skills.- Link - https://github.com/rahulpatil0512/Classification-of-Skin-Lesion-Disease-using-HAM10000-Dataset
Data Science	<ul style="list-style-type: none">▪ Telecom Customer Churn Prediction<ul style="list-style-type: none">- Performed Exploratory Data Analysis on Telecom Churn Dataset and Predicted whether the customer cancels the services or not.- Technology: Python, scikit-learn, jupyter notebook, feature selection.- Solo Project- Result: Decision Tree Classifier, Random Forest Classifier, and K Nearest Neighbors Classifier. The Random Forest Classifier has the highest accuracy i.e. 82% and F1 Score, and lowest mean squared error, mean absolute error.- Link - https://github.com/rahulpatil0512/Telecom-Churn-Prediction

CO-CURRICULARS	
Coding	<ul style="list-style-type: none">▪ 100 days of coding challenge – 65 days (ongoing)

EXTRA-CURRICULARS AND ACHIEVEMENTS	
Achievements	<ul style="list-style-type: none">▪ Participated in CultureScout: NLP-Driven Enterprise Culture Analytics Hackathon, July 2023▪ Participated in ML-Sprint Hackathon organised by Data Science Club of VIT Bhopal, April 2022
Responsibilities	<ul style="list-style-type: none">▪ Member of Data Science Club of VIT Bhopal

ADDITIONAL INFORMATION	
Hobbies	<ul style="list-style-type: none">▪ Playing Football, Table-Tennis, Othello
Languages	<ul style="list-style-type: none">▪ English, Hindi, Marathi

