Aditya Grover

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Education

VISHWAKARMA INSTITUTE OF TECHNOLOGY   PUNE 2023-2027

Bachelor of Technology in Computer Science .

GPA: 8.93

Relevant coursework: Data Structures, Data Science,
Machine Learning, Database Management system,
Computer Architecture.

SURYADATTA NATIONAL SCHOOL (12TH)   PUNE 2021-2023

Grade: 91%

SANSKRITI SCHOOL (10TH)   PUNE 2011-2021

Grade: 91%

Projects

Airline Passenger Satisfaction Prediction

Machine Learning

- Used R studio for programming models on a Kaggle based dataset.
- Applied Random Forest, SVM, xGboost, Naive Bayes and did a comparative analysis.
- Found that Naive Bayes algorithm with the least amount of complexity still gave a well fitted model.
- Achieved maximum accuracy of 99.24 using RandomForest and Recursive Feature Elimination .

Panda - A mental health Chatbot

Python,SVM & Web

- Machine Learning model using SVM (Accuracy-96%).
- Leveraged this model into a Chatbot that is used for mental stability detection.
- No pipeline, created a dictionary based Chatbot logic for understanding.

Doctor Appointment booking App

Full Stack

- Created a cross platform app that uses React Native, Javascript,MySQL and Strapi content management system..
- Tested on real world small data from Pune.

Wireless Stethoscope with Digital Feedback

Arduino,NextJS

- Digital feedback is received from Stethoscope integrated into a mobile application.
- Uses NextJS, Flask framework and Arduino.
- Total 89% accuracy of data using cost effective methods.

Publications

Wireless Stethoscope with Digital Feedback

Published at the 4th International Conference on Soft Computing for Security Applications (ICSCSA - 2024)

Used Car Selling Price Prediction

Published in Industrial Engineering Journal, 2024.

Achievements

1st Place in RTO Hackathon 2025
Created a Project for Compliance tracking for Agricultural Vehicles in Association with RTO Maharashtra .

Additional

Language Skills: English (Professional fluency), Hindi (fluency), Marathi (fluency), German (Elementary).

Technical Skills: C,Python, MySQL, HTML, Data Preprocessing, Machine Learning using R,Python, Android Studio.

Volunteer Experience: Sponsorship Volunteer at Vishwaconclave VIT, Social Service in 'Go Green' in VIT, Social Service in 'Camouflage NGO' in Pune.

Interests/Hobbies: Exploring Technologies,Football, Photography, Travelling.