Summary

I am a highly determined and focused candidate whose keen interest lies in bringing out potential solutions to everyday problems. I like to explore onto ideas and evolve the pre-existing ones.

Education

Thapar Institute of Engineering and Technology, Patiala

2020 - 2024Current CGPA: 7.79

Bachelor of Engineering in Computer Science

Delhi Public School, Jhakri

2019 - 2020

Senior Secondary

Percentage: 94.6

Delhi Public School, Jhakri

2017 - 2018

Matriculation

Percentage:91

Technical Skills

Technical Skills: C/C++, Python, R, SQL, NLP

Software & Tools: VS Code, Jupyter Notebook, Google Colab, Github, Tableau, R Studio, MS Office

Area of Interest: Machine Learning, Deep Learning, Data Science

Courses: Database Management System, Data Structures, Object Oriented Programming

Soft Skills: Problem Solving, Organization, Leadership, Management, Teamwork, Collaboration, Adaptable, Active Listener

Languages: English, Hindi

Projects

EduComTU | Git

- A comprehensive website that caters to the needs of students like providing their course details, CGPA report, attendance report etc.
- Provides personalized student services that can help managing different tasks with an easy to use interface.
- Tools and Technologies used: HTML, CSS, PHP

SmartSelect | Git

- It is an intuitive product recommendation system that tailors suggestions based on individual preferences, delivering a personalized and seamless shopping experience.
- The recommendations are based on the past behavior of the user and it is not dependent on any additional information.
- Tools and Technologies used: Python, Google Colab

Interactive Dashboard | Git

- A data-rich dashboard that visually dissects vehicle breakdown occurrences in various U.S. regions, aiding in informed analysis and proactive management.
- Also performed robust data analysis to deliver valuable, actionable information.
- Tools and Technologies used: R programming, R Studio

Cardiologist Assistant

- An innovative ECG signal analysis tool that predicts heart conditions in real time, aiding both healthcare providers and patients with accurate diagnoses.
- A unified platform for disease detection and immediate lifestyle guidance, simplifying health management for doctors, bridging diagnostics and wellness.
- Tools and Technologies used: Arduino, Deep Learning, Python, VS code.

Certifications

Certificate 1: The Data scientist's Toolbox | Certificate

Certificate 2: R Programming | Certificate

Certificate 3: Exploratory Data Analysis | Certificate

Certificate 4: How to Visualize Research Data in Tableau Certificate

Achievements

- Awarded Academic Excellence awards for 6 consecutive years in school.
- Elected as House Captain for the session 2019-20 in school.
- Built a project on Product Recommendation under the guidance of my mentor in Microsoft Engage Program 2022.