NISHKARSH GAUTAM

ML ENTHUSIAST

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PROFILE

I'm a data science enthusiast passionate about solving real-world problems by building efficient and impactful applications equipped with machine learning and artificial intelligence.
Another realm that intrigues me the most is frontend development. I like collaborating with my peers to incorporate the latest technologies into applications that make daily life easier every day.

EXPERIENCES

2022 Sai International Software Solutions
Data Engineer Intern

- Worked on the targeted sales campaign for a leading automobile dealership

- Analysed and segmented the customer base using machine learning and delivered insights of each cluster, which spiked their sales campaign engagement by 130%

- Worked on sales prediction and optimization as a part of the targeted sales campaign team.

- Predicted quarterly sales of the client using time series analysis. The results were utilized to improve the customer feedback mechanism which helped in boosting revenue by 250%

EDUCATION

Vellore Institute of Technology

2019 - Present | Bachelor in Computer Engineering with specialization in Data Science

Narayana PU College, Bengaluru

2017 - 2019

SKILLS

- Python
- R
- Tensorflow
- Machine Learning
- Data Science
- Deep Learning
- Artificial Intelligence
- ReactJS
- JavaScript

CERTIFICATES

- Deep Learning Specialization - Coursera
- Developing AI Applications on Azure - LearnQuest
- A - Certificate NCC, 2016

PROJECTS

ThoughtAI

- This Deep Learning-based tool can be used to ease the process of moderation on chat forums and social networking websites by analyzing the toxicity of the chat threads.
- It aims to resolve the unintended bias encountered in the toxicity classification.

Customer Personality Analysis

- Performed unsupervised clustering on the customer database of a grocery firm in order to analyze the customer personality.
- We have used Agglomerative Clustering to segment the customers into groups and accordingly run targeted campaigns for improved sales.

BigMart Sales Prediction

- Predicted sales of a supermarket chain.
- Different regression algorithms like XGBoost and Random Forest Regressor have been used for modeling and comparison.

QuickSort Webapp

- A web application to organize the team workflow in an efficient manner by segregating tasks into different tracks.
- It is made using ReactJS, NodeJS and MongoDB

ExpenseLogger Webapp

- It is a voice automated webapp to track monthly income and expenses seamlessly.
- It is made using ReactJS and Speechly API.
- https://expenselogger-4c836.web.app/

ACHIEVMENTS

All India Rank 436 (Top 0.01%)
2019| National Defence Academy Exam

Gold medal
2019| 9mm Pistol shooting competition

4th, Freestyle Swimming
2020| Pre-Riviera Sports - VIT

VOLUNTEERING

Event Assistant
Border Security Force

Border Civic Action Programs

- Training students in remote border areas about computer applications
- Educating students about higher education and future prospects

Senior Core Member
The Hindu Education Plus Club - VIT

- Blog writing - https://thepcvit.wordpress.com/2020/03/19/a-different-mission/

- Actively worked with finance team for event sponsorships