NEHAAL ANIL PANDEY
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MIT | Academy of Engineering
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

BRIEF SUMMARY

A final year Computer Engineering Undergraduate with an Interest in Machine Learning and Data Science and an aspiration to explore the realm of the latest Cloud Technologies. I am proficient in C++, Java, and Python and have hands-on experience working with Oracle SQL and MongoDB Databases. I am a quick learner, love photography, and am passionate about writing.

KEY EXPERTISE

Machine Learning   Python   C++   Java   Data Structures   Interpersonal Skills   Team Building

EDUCATION

MIT Academy of Engineering, Pune   2020 - 2024
B.Tech. - Computer Science and Engineering | CGPA: **9.51 / 10.00**

St. Mary's Jr. College, Vashi   2020
12th | MSBSHSE | Percentage: **86.20 / 100.00**

St. Mary's Multipurpose High School, Vashi   2018
10th | BSEMH | Percentage: **89.40 / 100.00**

AWARDS AND SCHOLARSHIPS

- CSI Project Expo 2022: consulate Prize winner

INTERNSHIPS

Celebal Technologies   03 Jun, 2023 - Present
Summer Intern

Key Skills: Python   Data Science   Machine Learning   Flask

Currently Working as a data science intern at Celebal Technologies, making meaningful contributions to real-world projects, harnessing the power of data to drive positive change and create valuable insights.

Samyak Software PVT. LTD   01 Jul, 2022 - 31 Jul, 2022
Summer Intern

Key Skills: microsoft power BI   Data storytelling   Data visualisation

Created impactful dashboards using Microsoft PowerBI for diverse datasets, enabling data-driven decision-making. Transformed complex data into visually compelling visualizations, contributing to business growth.

RedX MITAOE   01 Jun, 2022 - 30 Jun, 2022

Key Skills: Machine Learning   Research Analysis

As an Intern, I developed a credit card fraud detection model, utilizing PCA-transformed and non-transformed features to optimize precision, recall, and confusion matrix performance to minimize false negatives and false positives. Additionally, I contributed to a research paper focusing on the BERT(r Bidirectional Encoder Representations from Transformers) model, exploring its capabilities in NLP tasks.

PROJECTS

Mythological Scene Recognition   01 Sep, 2022 - 31 May, 2023
Mentor: Dr. Sunita Barve Ma'am | **Team Size:** 4

Key Skills: Computer Vision   Natural Language Processing   Data Annotation   Flask

This Project is Developed as coursework for Major Project. My team of four aimed to Identify and describe mythological scenes from a given input picture to gain valuable information from the past historical scene by Automated Cognitive Information Processing.

Chatbot for Real Estate Property Proposal   26 May, 2023 - 27 May, 2023
Mentor: Dr. ShitalKumar Jain | **Team Size:** 5

Key Skills: SDLC   Agile Methodology   HTML   CSS   Natural Language Processing   Flask   javascript   python

This Project was developed as part of the Internal hackathon for the Software Engineering course. This chatbot seamlessly integrates with a dummy CRM application for Real Estate, enabling smooth lead management. By utilizing Natural Language Processing, we efficiently gathered user inputs and our system delivered personalized property suggestions to potential buyers.

Sentimental Analysis from Text
16 Apr, 2023 - 30 Apr, 2023

Mentor: Prof. Deepti Ghusse | **Team Size:** 3

Key Skills: Machine Learning   Flask

The Project was developed as part of Machine Learning Coursework. We Designed, developed and deployed a Binary Classification model for Sentimental Analysis based on User-Input answers to three questions and provided generalized video suggestions based on the mood of the user.

Conflict Resolution in uncertain situations for Self-Driving Cars
01 Oct, 2021 - 30 Apr, 2022

Mentor: Dr. Sunita Barve Ma'am | **Team Size:** 4

Key Skills: Computer Vision   Natural Language Processing   Binary Classification   Python

The Project was developed as part of our Minor Project Coursework. My team of four aimed to design an algorithm flow for a Self-Driving Car to deal with uncertain situations arising due to command conflict between the system and the passenger.

ACHIEVEMENTS

- HacktoberFest: Completed all levels of open source contributions at Hacktoberfest 2022

ASSESSMENTS / CERTIFICATIONS

Microsoft Certified: Azure AI Fundamentals

Aggregate: 891.0 / 1000.0

SEMINARS / TRAININGS / WORKSHOPS

Networking Essentials **Institute Name:** Cisco

Key Skills: Computer Networking

Python Essentials
Institute Name: Cisco

Key Skills: Python

CO-CURRICULAR ACTIVITIES

- Leading a team of 40 students in the design and launch of AjaanVriksha, the annual magazine of MITAOE. Drive content development and maintain a collaborative environment, ensuring the magazine's ongoing success and impactful publication.
- Author at Analytics Vidhya, crafting engaging and relatable content on AI/ML to foster a deeper understanding and appreciation for the fascinating world of data science.

PERSONAL INTERESTS / HOBBIES

- Rail Photography
- Hodophile

WEB LINKS

- Github - https://github.com/CodesByNehaal
- Other - https://leetcode.com/dollar_sign/