NARESH GUSAIN

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Education

Thakur College of Engineering and Technology, Mumbai   Dec 2021 – May 2025
Bachelor of Technology - Artificial Intelligence and Data Science   *8.00 CGPA*

Technical Skills

Languages: Python, C++, JavaScript, SQL, HTML, CSS
Libraries/Frameworks: TensorFlow, Scikit-Learn, NLTK, Pandas, NumPy, Plotly, Matplotlib, Bootstrap
Data Science: EDA, Data visualization, Machine Learning, Neural Networks, NLP
Others: Tableau, Git/GitHub, Firebase, Postman, Canva, MS Office

Projects

Resume Parser and Scorer | *Python, NLP, Data Extraction*   **(GitHub Link)**
- Developed a Flask application that serves as a Resume Parser and Scorer, demonstrating proficiency in web application development.
- Executed advanced Regex operations to meticulously extract skills and experience from resume PDFs, demonstrating precise data extraction techniques
- Applied Natural Language Processing (NLP) operations to process and analyze the text corpus, elevating the accuracy and depth of skill and experience extraction.
- Leveraged cosine similarity as a robust metric to quantify the alignment between resume text and job description, ensuring a precise measure of compatibility.

CryptoCurrency Price prediction using LSTM | *Python, Deep Learning, API, Time series Forcasting* **(GitHub Link)**
- Utilized the CryptoCompare API to gather comprehensive Bitcoin price data, ensuring accurate and up-to-date information for analysis.
- Developed and implemented a Long Short-Term Memory (LSTM) Neural Network model, showcasing proficiency in advanced techniques for cryptocurrency price prediction.
- Applied the Plotly library to create visually compelling charts illustrating cryptocurrency price trends over the past three years, providing valuable insights for analysis and decision-making.

Performed EDA on WhatsApp Group Chat | *Python, Data Cleaning, Data Visualization*   **(GitHub Link)**
- Performed data preprocessing, employing Regex operations to categorize data into distinct Date, Message, and Sender–name categories, improving data clarity and structure.
- Conducted thorough Exploratory Data Analysis (EDA) on WhatsApp group chat data, demonstrating a keen analytical approach to extract meaningful insights.
- Uncovered valuable insights from the dataset, including the identification of the individual with the highest message count and a comprehensive analysis of overall message frequency within the group

Portfolio Website using Django | *Python, Django, Bootstrap, Vercel*   **(Portfolio Link)**
- Developed a portfolio website using the Django framework, showcasing all projects and experiences in one place, and deployed it on Vercel.
- Gained a clear understanding of Django's file structure, built-in database, admin panel, and the merging of static files to enhance webpage functionality.
- Created a products section to list digital products, such as Notion templates and Canva templates, providing a comprehensive display of digital offerings.

Experience

DigiLateral Solutions   03, Jan 2024 – 31, Jan 2024
Machine Learning Intern   *Mumbai (On-site)*
- Developed Python scripts to automate Image and Video editing tasks
- Contributed to a Convolutional Neural Network (CNN) project focused on handwriting detection.

Google Developer Student Clubs - Thakur College of Engineering and Technology Aug 2022 - May 2023
Press Lead   *Mumbai*
- Created diverse content for the college community GDSC - TCET, encompassing Collages, Event Flyers, Reels, Instagram Stories, and Headers.