TUSHAR KUMAR

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PROFESSIONAL EXPERIENCE

2023-EBEST SOLUTION INTERN | DURGAPUR, WEST BENGAL

● Hands-on involvement in designing and implementing innovative solutions and navigating the intricacies of real-world applications in the fields of Machine Learning and Cloud Computing - Python, Scikit-learn, AWS, MySQL, Flask.

● I have also developed a Testbot inspired by ChatGPT and other Chatbots, based on LLama-2 large Language Model - LLama-2, NLP, OpenAI API, Git/GitHub.

TECHNICAL SKILLS

● Python, HTML, CSS, Power BI, Google Analytics, SQL, Excel, Git

PROJECTS

PARKINSON'S DISEASE PREDICTION

● I collected and prepared clinical and demographic data, performed feature engineering, and implemented various machine learning models using Scikit-learn and TensorFlow.

● I evaluated and optimized these models, developed a user-friendly interface for healthcare providers, and thoroughly documented the process.

● The outcome was a reliable tool for early diagnosis, significantly aiding healthcare professionals and improving patient outcomes.

CHATBOT

● I implemented natural language processing techniques to enable the chatbot to understand and respond to user queries.

● I developed and managed dialogue systems, integrated the chatbot with various platforms, and conducted extensive testing to optimize its performance.

● The result was a highly capable conversational agent that enhances user engagement through accurate and intuitive interactions.

SUPERSTORE SALES ANALYSIS DASHBOARD

● The project aimed to develop an interactive dashboard to visualize and analyze sales performance, customer demographics, payment modes, and product trends.

● It allows users to explore various aspects of sales data through dynamic and interactive visualizations.

EDUCATION

2021-2025 NSHM KNOWLEDGE CAMPUS, *Durgapur,WB*, *Bachelor of Technology in Artificial Intelligence And Machine Learning*(Current CGPA- 8.43).

2020-2021 KCP SIDDHARTHA ADARSH RESIDENTIAL PUBLIC SCHOOL, *Andhra Pradesh*, 12th(9.5 CGPA)

2018-2019 KCP SIDDHARTHA ADARSH RESIDENTIAL PUBLIC SCHOOL, *Andhra Pradesh*, 10th(9.2 CGPA)

CERTIFICATION

2024-GOOGLE FOR DEVELOPER AI & ML VIRTUAL INTERNSHIP, *AICTE*

● Learned to apply AI and ML concepts, from data handling to model deployment.S

2023-INTRODUCTION TO MACHINE LEARNING,*NPTEL*

● I learned practical skills such as data preprocessing, feature engineering, model evaluation, and hyper parameter tuning.

2022-AWS ACADEMY AI & ML VIRTUAL INTERNSHIP, *AICTE*

● Learned various technologies essential for building and deploying AI and ML models like Amazon SageMaker, Lambda, S3, RDS, Glue, Kinesis, Step Functions.