Ukant Jadia

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Objective

To apply knowledge of data science and machine learning in a challenging research-oriented position, and contribute to the development of innovative solutions that solve real-world problems.

Experience

Cognus Techonology - Flutter May-Aug 2023

- Contributed to the live project "Gradding" at Cognus Technology.
- Gained foundational Flutter development skills and transitioned to research and analysis.
- Successfully met project targets and received positive feedback from supervisors and colleagues.
- Developed a strong work ethic and valuable professional experience.

Educational Details

BTech in Computer Science(AI-ML) 2020-2024
Sir Padampat Singhania University, Udaipur Rajasthan
CBSE XII 2018-2020
Oasis Sainik School, Hanumangarh, Rajasthan

Projects

Loan Prediction

- *Duration*: August 2022 - November 2022
- *Description*: Developed a Loan Prediction Application in Python using Machine Learning to assess loan approval.
- *Technical Stack*: Python, Machine Learning
- *Key Achievements*:
  - Processed loan data, handling missing values and outliers.
  - Employed Logistic Regression and Random Forest for predictive modeling.
  - Addressed imbalanced data with oversampling and undersampling.
  - Designed a user-friendly input interface for non-technical users.
- *Result*: Successfully built a Loan Prediction Application, enhancing my machine learning and data preprocessing skills.

Travel Tales

- *Duration*: May 2023 - July 2023
- *Description*: Developed a Flutter-based chatbot integrated with GPT-3.5 for travel recommendations, featuring an intuitive UI for itinerary customization and a monument information retrieval system.
- *Technical Stack*: Flutter, GPT-3.5
- *Key Achievements*:
  - Created an engaging travel chatbot.
  - Seamlessly integrated GPT-3.5 for personalized recommendations.
  - Designed a user-friendly interface for itinerary planning.
  - Implemented a monument information retrieval system.
- *Result*: Successfully crafted Travel Tales, enhancing travel experiences through technology and intuitive design.

Air Quality Prediction

- *Duration*: July 2022 - December 2022
- *Description*: Developed an ML model for air quality prediction using environmental data, focusing on pm2.5 tracking.
- *Technical Stack*: Python, Machine Learning, Data Preprocessing
- *Key Achievements*:
  - Gathered and preprocessed diverse environmental data to create a robust dataset.
  - Addressed missing data and outliers with advanced data imputation techniques.
- *Result*: Successfully built a reliable air quality prediction model, improving environmental monitoring.

Achievements

Ranked 2nd in challenging WCAIAA Coding Hackathon in 2023
Ranked 2nd in IEEE SPSU Ideathone in 2021
Ranked 1st in IEEE SPSU Ideathone in 2020

Skills

Technical Skills

Languages
Python, Dart, C++, Markup, Java, Bash/Shell
Programs and Platform
Nginx, GitHub, Docker, Flutter(Android), Debian(Linux), Vim, ffmpeg, tmux, SSH, RStudio, Pandoc, Git,
Concepts
Flutter(Android), Data Structure, Machine Learning, MlFlow
Database
MySQL

Soft Skills

Time Management
Organise
Goal oriented

Accomplishments

IEEE Event Volunteer 2020: Organized IEEE Day & Ideathone, contributing to successful execution.
FDP Workshop 2020: Collaborated in a dedicated team for a 5-day Faculty Development Program.
IEEE Day Leader 2021: Spearheaded IEEE Day, showcasing leadership and event management skills.
NCC C Certificate: Demonstrated commitment, discipline, and dedication.
Data Science Course: Completed a comprehensive course through Internshala, enhancing analytical skills.
IIM Udaipur Ideation Program: Gained exposure to innovative thinking and problem-solving.