SATKAR SARVANKAR

Margao, Goa

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PROFILE SUMMARY

I am an aspiring Data Scientist with a strong foundation in Machine Learning, Deep Learning, and Data Analytics. I am proficient in Python and its libraries including TensorFlow and Scikit-learn. My expertise lies in model building, data preprocessing, and deployment. I am passionate about leveraging data-driven solutions to tackle real-world challenges and continuously strive for innovative solutions

EDUCATION

• **Bachelor of Engineering**	Goa College of Engineering, Farmagudi (MECHANICAL)	7.86 CGPA	**June 2019 - Sept 2023**
• **Higher Secondary**	Jawahar Navodaya Vidyalaya, Canacona (PCM + CS)	84%	**June 2017 - May 2019**

PROJECTS

Anime Recommendation System

Content-Based Filtering Recommendation System

- Designed and implemented a content-based recommendation system to suggest anime based on user preferences
- Utilized Natural Language Processing (NLP) and Machine Learning to analyze anime descriptions, genres, and themes
- Applied TF-IDF vectorization and Cosine Similarity to measure content similarity and identify relevant anime
- Technologies used: Python, Scikit-learn, Pandas & NLTK for data processing and model

Stock Price Prediction System

Stock price prediction using machine learning algorithms

- Developed a stock price prediction model using historical stock data and machine learning algorithms
- Preprocessed and analyzed data such as stock prices, trading volumes, and market indicators to identify trends
- Applied LSTM for time-series forecasting, Linear Regression, and Random Forest for comparison
- Performed feature engineering to enhance predictive performance and used RMSE to evaluate model accuracy
- Technologies used: Python, Pandas, NumPy, TensorFlow, Keras, Scikit-learn, Matplotlib, Seaborn

Low-code/No-code AutoML Tool

Automated ML app for classification tasks

- Developed an end-to-end automated ML app for classification tasks, streamlining the entire machine learning pipeline
- Handles data preprocessing such as missing value imputation, feature scaling, and data splitting
- Supports multiple classification models and allows users to train models without coding
- Provides evaluation metrics (accuracy) to assess model performance
- Enables users to download the trained model for deployment and integration into production environments
- Technologies used: Python, Scikit-learn, Pandas, Streamlit for app development

EXPERIENCE

IT Support Specialist **Jan 2024 - Current**

Company specializing in IT support and technology services

- Gathered and documented business and functional requirements for 10+ projects, improving clarity and reducing rework by 25%
- Created 15+ process flows and technical documents to streamline project delivery and onboarding
- Supported implementation of 5+ system enhancements, increasing operational efficiency by 20%
- Facilitated 30+ stakeholder meetings
- Contributed to project scheduling and tracking, reducing delivery delays by 15%

TECHNICAL SKILLS

- **Programming & Libraries :** Python, Scikit-learn, TensorFlow, Keras, Pandas, NumPy, LangChain
- **Machine Learning & Deep Learning :** Supervised/Unsupervised Learning, LLM, Neural Networks
- **Data Processing & NLP :** Feature Engineering, Imputation, Scaling, TF-IDF, Cosine Similarity
- **Deployment & Visualization :** Streamlit, Matplotlib, Seaborn

EXTRACURRICULAR / CERTIFICATES

• **Data Science and Machine Learning**	Udemy	April 2023
• **Statistics for Computer Science**	Udemy	April 2023
• **Deep Learning**	Kaggle	August 2023