

KUMARESAN K

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OBJECTIVE

Aspiring Data Scientist skilled in statistics, machine learning, and visualization, eager to solve real-world problems. Committed to delivering insights that drive data-based decisions.

ACADEMIC QUALIFICATIONS

- Pursuing Bachelor of Engineering in Computer Science [Data Science] from Annamalai University with 8.21 CGPA (5th Semester)
- Completed 12th Standard from Government Higher Secondary School with 85 % in 2022
- Completed 10th Standard from Government Higher Secondary School with 87 % in 2020

TECHNICAL EXPERIENCE

- Acquired theoretical knowledge in subjects like Database Management System, Machine Learning, R Programming, Cloud Computing, Predictive Analytics, Data Engineering.
- Acquired practical knowledge in following labs like Machine Learning lab, Data Visualization Lab, Internet of Things lab, R lab, Database Management System Lab, Hadoop Lab, Cloud Lab.
- Attended 5 days Training Program in Employability Enhancement Training Program from E Square Training Consultants.

PROJECT EXPERIENCE

Topics Name: Stock Price Prediction.

Description: Built stock price forecasting models using ARIMA, SARIMA, Prophet, and LSTM, achieving accurate trend predictions through time series analysis and model evaluation.

Topics Name: Bangalore House Price Prediction.

Description: A machine learning project predicting house prices in Bangalore, using data preprocessing, modeling, and a server-client setup.

Topics Name: Crop Recommender System

Description: A machine learning-based app that suggests the best crop to grow using soil nutrients, temperature, rainfall, and climate data for smarter farming decisions.

Topics Name: Image Captioning Using CNN

Description: A deep learning project that uses VGG16 for feature extraction and LSTMs for sequence generation to automatically generate descriptive captions for images.

WORKSHOPS ATTENDED

- Attended 2 days workshop on Developing Data-Based Apps with Dash.
- Attended 7 days workshop on Git and Github.

EXTRA-CURRICULUR ACTIVITIES

- Organized and coordinated the COMPSEM Debate Event, managing logistics, scheduling, and participant engagement.
- Conducted a hands-on Python Workshop on programming fundamentals, data analysis, and practical applications to build participants' real-world coding skills.

LANGUAGE PROFICIENCY

English, Tamil

PERSONAL DETAILS

Kumaresan – 21 – Male – 02 Jun 2004 – Listening Music and Reading Books