BALA VIGNESH C S

MACHINE LEARNING ENTHUSIAST

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SUMMARY

Highly passionate research engineer with strong research, product building and deploying models to production along with innovation skills and ability to solve deep learning & machine learning problems. Zealous towards AI research and open-source community contribution.

EXPERIENCE

12/2016 – present	**COFORGE BUSINESS PROCESS SOLUTIONS – BANGALORE** **Senior Team Member**
10/2015 – 12/2016	**STRING INFORMATION SERVICES PRIVATE LIMITED – CHENNAI** **Process Associate**

EDUCATION

Expected graduation 2025	**UNIVERSITY OF MADRAS** Master of Computer Applications	
2011 – 2014	**HINDUSTAN UNIVERSITY** Bachelor of Computer Applications	**CGPA 6.39**

CERTIFICATES

2022	**MACHINE LEARNING SPECIALIZATION** Coursera

SKILLS

- Teamwork and Collaboration
- Attention to Detail
- Critical Thinking
- Good communication skill
- Able to work in a team
- Great problem solving skill

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 bax25

TECH SKILLS

- TensorFlow
- PyTorch
- NumPy, Scikit Learn, Pandas
- Natural Language Processing
- Computer Vision
- Explanatory Analysis

- Jupyter Notebook
- GitHub
- Python, Bash, C++
- MATLAB
- Docker
- Linux

PROJECTS

PROJECT ON CLASSIFICATION

Classification of mushrooms to identify whether it is poisonous or edible using Random Forest Classifier from Scikit-learn.

PROJECT ON PREDICTION

To determine the electrical energy output of the Combined Cycle Power Plant using Regression models.

FACE MASK DETECTION SYSTEM

Face Mask Detection System built with OpenCV, Keras/TensorFlow using Deep Learning and Computer Vision

PROJECTS ON NATURAL LANGUAGE PROCESSING (NLP)

SMS Spam Detection System predicts whether the message is a spam or not spam message.

DEEP LEARNING AND NEURAL NETWORK PROJECTS

A deep neural network model designed to categorize traffic signs found in images into various classifications.

PROJECTS ON TIME SERIES FORECASTING

Traffic forecast prediction is a task of predicting traffic volumes, utilizing historical speed and volume data with the help of Time Series Analysis.