Sathvik Mannam

PROFILE

A fresh engineering graduate, with a keen interest in machine learning and web development, possessing good interpersonal and analytical skills, who wish to use technical knowledge catering to the organization's needs. Eager to work with a diverse team that aims to contribute towards the organization's vision, goals, and advancement.

EDUCATION

- **B.Tech. CSE Engineering**   CGPA – 7.27 / 10

  2019 – 2023

  Amrita School of Engineering,

  Amrita Vishwa Vidyapeetham, Coimbatore, TN

- **Class 12** – 93%   **2019**

  Institution: Sri Chaithanya Junior College

- **Class 10** – 90%   **2017**

  Institution: Nirmala High School

TECHNICAL INTERESTS

- Machine Learning
- Web Development
- Software Development

PROJECTS

- Topic: Covid-19 detection from X-rays

  Duration/Period: Jan 2022 - May 2022
  Objective: Detection of Covid-19 from X-ray scans.
  Tools or techniques: Image Augmentation, Convolutional Neural Networks, Deep Learning, Machine Learning, Keras, Tensorflow, Numpy, Computer Vision.
  Outcome: Built a custom model using Keras tuner,
   and used transfer learning(VGG16), achieving an accuracy of 92%

- Topic: Named Entity Recognition Using LSTM

  Duration/Period: Jan 2022 - May 2022
  Objective: Tagging text using a custom-built NER model.
  Tools or techniques: Natural Language Processing,
  Deep Learning, Machine Learning, Keras, Tensorflow,
  Numpy, Pandas, Matplotlib.

Outcome: Built a time-distributed LSTM model and achieved an accuracy of 95%.

TECHNICAL SKILLS

- Python
- C++
- Java
- MySQL
- Data Structures
- HTML5
- CSS3
- Javascript
- JSON
- Machine Learning
- Deep Learning
- NLP

INTERNSHIP

- Organisation / Location: AICL

  Duration/Period: March 2022 - April 2022
  Objective: Machine Learning Fundamentals
  Outcome: Learnt various Pre-processing techniques,
  Supervised and Unsupervised models, Data Visualisation,
  and Model Evaluation.

- Organization / Location: Feynn Labs

  Duration/Period:July2022- August2022
  Role: Machine Learning Intern
  Outcome: Learned about Market Segmentation Analytics
  and got a good understanding of how data-driven decisions
  are taken.

LANGUAGES

- English   – Full Professional proficiency
- Telugu   – Native proficiency
- Hindi   -- Limited Working proficiency

HOBBIES

- Playing Cricket
- Reading Books
- Watching Movie