

# Sujay Sathya

suajaysathya@gmail.com | 9566320873

## EXPERIENCE

### SOLARILLION FOUNDATION

Research Assistant

Jan 2020 - Present | Chennai,TN

- Currently researching on the applications of Bayesian neural networks with a continual learning pipeline in the field of medicine.

### PAN ASIAN HEALTH SYSTEMS PVT. LTD

Back-End Developer

Aug 2020 | Chennai,TN

- Worked in the back-end development of a web application which is used to aid doctors in remote parts of India, diagnose and manage 'Acute Pancreatitis'.
- Trained various Regression models on the same and deployed it .

### KISSFLOW.INC

Back-End Developer

OCT 2020 – DEC 2020 | Chennai,TN

- Worked on creating a program to generate a connector for any API from its swagger document according to kiss flow specifications.
- Created connectors for various APIs to connect to Kissflow API.

## PROJECTS

### BUNK BOT

- Python Bot that attends meetings for you
- This bot gets the meeting ID of your meeting from Google Docs and opens Google Meet and logs in on your behalf.
- The bot uses speech recognition and image processing techniques to answer on your behalf.
- Open source project with 385 stars, 50 forks, 200 plus clones and 45000 views on github

### ENIG MATRIX

- A smart security system built using embedded systems.
- Optimization of face detection algorithm to save space and computation time.

### FOOTBALL PLAYERS TRACKER

- An object detection module(YOLOv5) which tries to detect football players in a pitch and track their movements.
- Visualisation of the players in a 2D space for analytics purposes.

### FLIGHT DELAY PREDICTION

- A machine learning pipeline to detect the delay in flights
- Tried to classify whether a given flight will be delayed or not and then used regression techniques to find out the precise delay.
- Predicted arrival delay considering the weather parameters at the departure airport.

## EDUCATION

SSN College of Engineering

CGPA: 8.7

Chettinad Vidyashram

10th CGPA: 9.8

12th: 94.1%

## SKILLS

### PROGRAMMING

Experienced:

• Python • C

• C++

Proficient:

• Java • Java Script

## ADDITIONAL

## COURSEWORK

- Deep Learning.ai
- Padhai Deep Learning

## EXTRA CURRICULAR

- 24 awards in 26 Model United Nations competitions
- 2 time Best Speaker in Indian Schools Debating Society Competitions
- Multiple trophies playing football
- Multiple overalls victories in school and college Culturals

## LINKS

Github:// [suajaysathya](#)

LinkedIn:// [Sujay Sathya](#)