

# SATWIK SRIDHAR

## Final Year B.Tech CSE Student

@ ssatwika02@gmail.com

+91 98862 74200

Bengaluru, India

in satwikasridhar

satwikasridhar

satwikasridhar.github.io

## EDUCATION

### B.Tech CSE | Vellore Institute of Technology

2020 – Present

GPA: 8.76

### Grade 12 | CMR NPS

2020

CBSE: 95%

### Grade 10 | Vibgyor High

2018

ICSE: 95%

## TECH STACK

### Programming Languages

Python Java C C++

### Web Development

HTML CSS Javascript

React.js Node.js Django

### Database Management

MySQL SQL MongoDB

### Data Analytics Tools

R Tableau Power BI

### Machine Learning

PyTorch Tensorflow Keras

Scikit-Learn

### Cloud Technologies

Salesforce AWS GCP

Terraform Docker

## EXTRA CURRICULARS

Core Committee: English Literary Association, IEEE Computer Society, College Magazine

## ABOUT ME

A final year student, seeking an entry-level position to kickstart my career in the Software Development and Data Science industry.

## EXPERIENCE

### Data Science Intern | Gramener

May 2023 – Jul 2023

Bengaluru, Karnataka

- Improved the accuracy of the OCR model using 2 approaches of segmenting images and recognizing text on package labels by 15%.
- Imputed and validated over 50 attributes about state demographics to create comprehensive dashboards to be used by the Government.

### Data Analyst Intern | Capillary Technologies

May 2022 – Jul 2022

Bengaluru, Karnataka

- Built data pipelines to integrate data from over 10 sources to JiraDB to facilitate improved data analysis.
- Created and refined live dashboards on Google Data Studio to visualize data and analyze the performance of the company's products and services.
- Employed technologies including: BigQuery, Hevodata, Databricks, NewRelic, REST API

### Content Writer Volunteer | LonePack

Jan 2021 – Jan 2022

Chennai, Tamil Nadu

- Created content and drafted newsletters reaching over 1000 people to spread awareness about mental health and the availability of resources to help those in need.
- Worked with graphic design and social media management of the NGO's handles.

## PROJECTS

### Pneumonia Detection |

- Applied 2 convolutional neural networks to detect pneumonia in X-ray images of the lungs.
- Utilized transfer learning to observe the relevance of pre-trained models for the given data.

### Demographic Analysis |

- Analyzed the world's population and its demographics country-wise and its relation to the country's GDP.
- Depicted and derived valuable insights for various statistical measures pertaining to the world population using data visualization techniques.

### Explainable AI for Intrusion Detection |

- Trained a Random Forest classifier to an accuracy of 99.75% to detect network intrusions.
- Illustrated the performance of the model with explainable AI to make its predictions individually comprehensible.

## CERTIFICATIONS

- Google Cybersecurity Professional Certificate
- Google Data Analytics Professional Certificate