

Kumar Aditya

Skilled in Python (Programming Language), SQL, Data Science, Machine Learning. Strong research professional with a Bachelor of Engineering - BE focused in Computer Science from Sathyabama University

### Education:

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| <ul style="list-style-type: none"><li>• <b>B.E. in Computer Science and Engineering</b><br/>Sathyabama University<br/>CGPA: 8.65</li></ul> | 2022 |
| <ul style="list-style-type: none"><li>• <b>Higher Secondary Education</b><br/>Shiv Dulari High School<br/>Percentage: 58%</li></ul>        | 2018 |
| <ul style="list-style-type: none"><li>• <b>Senior Secondary Education</b><br/>St. John's Academy<br/>CGPA: 9.4</li></ul>                   | 2016 |

### Certifications and Achievements:

- Machine Learning by Stanford University (Coursera)
- Foundation of Data Science (PadhAI by OneFourth Labs)
- Databases and SQL for Data Science (Coursera)
- Published a PyPI module for encryption and decryption using Morse Code.
- Ranked among top 1.5% in Python programming language on HackerRank.
- 5\* in SQL on HackerRank.
- Solved 500+ questions on HackerRank, Codechef and GeeksforGeeks.

## Skills:

# Python

# C++

# SQL

## Data Science

# Machine Learning

# C Programming Language

## Numpy

# Pandas

## Matplotlib

# DSA and Algorithms

## Projects:

- **Attendance System using Face Recognition**
  - Main aim is to implement a no-contact based system for attendance.
  - Database managed by SQL.
  - Full UI design for all the admin functionalities.
- **Algorithm Visualizer**
  - The main aim of this project is to visualize different sorting and path finding algorithms.
  - Sorting algorithms such as bubble sort, counting sort, heap sort etc.
  - Path finding algorithm such as Breadth-First search, depth-first search etc.
- **Covid – 19 Data Processing and Analysis**
  - Merge, clean and aggregate COVID-19 time series data.
  - Gives current updated statistics with graphs.
  - Covers all country and functionality to compare countries.

## Internship:

- **Data Science and Business Analysis Intern** Nov 2020 – Dec 2020
- The Spark Foundation
- Used Specialised analysis tools to determine how business can use data.
  - Cleaned and analysed different datasets.

## Contact:



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