

# Siddhartha Mudumba

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## EDUCATION

- M. Tech Integrated - CSE with Specialization in Data Science, VIT, Vellore **2020- 2025**
  - CGPA : 9.51 ( aggregated for 7 semesters)
  - Top 1% of the batch for 7 consecutive semesters.
  - Awarded with Merit certificate for Outstanding Performance in academics for AY 2020-21 , AY 2021-22, AY 2022-23.
- 12<sup>th</sup>, 11<sup>th</sup> Standards (P.C.M), Sri Chaitanya Junior Kalasala (TSBIE) **2018- 2020**
  - Aggregate Score : 971 / 1000
- 10<sup>th</sup> Standard, Sri Chaitanya Techno HS (TSBSE) **2017-2018**
  - GPA : 10.0/10.0

## SKILLS

**Programming Languages** : Java, C ,C++, Python, HTML-CSS-JavaScript, R.  
**Database and Language** : MySQL, PostgreSQL, Mongo DB.  
**Frameworks** : Flask, Django, Hibernate, Bootstrap.  
**Version Control Tools** : Git, GitHub.  
**Visualization Tools** : Tableau, Power BI.  
**Automation Tools** : Automation Anywhere.  
**Soft Skills** : Problem solving, Leadership, Communication, Planning, Teamwork, Time Management, Collaboration, Independent, Self-motivated.

## PROJECTS

### CANCER PREDICTION USING MACHINE LEARNING

- Using Django and Machine Learning libraries in python to classify cancerous cells.
- Tech stack used: Python-pandas, scikit-learn, Django framework, HTML-CSS.

### FAKE PAN CARD DETECTOR

- Designed and implemented a project aimed at identifying fake PAN cards.
- Tech stack used: Python-pandas,cv2,pillow,skimage,imutils,HTML-CSS-JavaScript.

### CLASSIFICATION OF USER'S KNOWLEDGE INTO DIFFERENT LEVELS

- Created machine learning model to classify user's knowledge levels for the dataset - "User Knowledge Modeling Data Set".
- Tech stack used: R programming – e1071,rpart.

### INTERACTIVE DASHBOARD FOR COVID-19 INDIA

- Created an interactive dashboard for analyzing COVID-19 data across different states of India.
- Tools used : Tableau, Published on Tableau public.

### RPA BOT FOR CERTIFICATE GENERATION :

- Using Automation Anywhere community edition, created a bot that parses the data in any file format, creates certificates for each participant, and emails the certificate with a personal message.

### OVER THE TOP (OTT) PLATFORM USING BLOCKCHAIN BASED MICROPAYMENTS - ETHFLIX

- Developed smart contracts for micropayments using ERC20 standard tokens.
- Tech stack : Open Zeppelin library , Ganache, Ethereum-Dai.

## CERTIFICATES

### Automation Anywhere Certified Essentials RPA Professional

- Successfully completed the certification exam, demonstrating in-depth knowledge of Automation 360 concepts and best practices.
- Applied A360 skills to contribute to the develop and implement **robust, scalable, and secure** bots.

### Project Development with Competitive Coding by IamNeo

- Participated, and successfully completed in hands-on labs and practical exercises , final examination to apply theoretical knowledge, gaining practical experience with use of data structures in a project.

## EXTRA-CURRICULAR ACTIVITIES

- **Student Manager, Events Team, Gravitas 2023:** Demonstrated strong leadership and organizational skills in managing 160 events.
- **Programme Representative, VIT Vellore (AY 2023-2024):** Served as a liaison between students and faculty, addressing concerns and advocating for improvements within a batch of 250 students.

## LANGUAGES SPOKEN

- English, Hindi, Telugu, French.