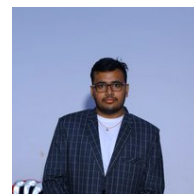# CHALLA VIJAYA SAI PAVAN SANTHOSH

B.Tech. - Computer Science & Engineering

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Khammam, Telangana, India - 507302

SRM INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

BRIEF SUMMARY

As a final-year Computer Science and Engineering student, I possess a diverse skillset that encompasses machine learning, data science, and data visualization. I leverage tools like Python, SQL, Tableau to drive meaningful insights and business decisions. With experience in data analysis and visualization, I have successfully conducted projects, extracting valuable insights from large datasets and empowering stakeholders with data-driven findings. My proficiency in Tableau enables me to transform complex information into visually appealing and easy-to-understand visualizations. Additionally, I have developed strong communication and teamwork skills through various co-curricular and extracurricular activities, including hackathons and industry-sponsored projects, which have further enhanced my ability to contribute to dynamic teams.

KEY EXPERTISE

Machine Learning   Python   SQL   Deep Learning   Opencv   Data Science   Tableau   C   Power BI   Excel

EDUCATION

SRM Institute of Science & Technology, Kattankulathur	2021 - 2025
B.Tech. - Computer Science & Engineering | CGPA: **9.38** / **10**	

Narayana Junior College	2021
12th | Telangana Board of Intermediate Education | Percentage: **95.20** / **100**	

CSR ADDITYA SCHOOL, SATHUPALLY, KHAMMAM	2019
10th | Telangana Board of Secondary Education | Percentage: **90.25** / **100**	

AWARDS AND SCHOLARSHIPS

- SRM Merit Scholarship

INTERNSHIPS

Twilearn | Education	01 Jun, 2023 - 01 Sep, 2023
Data Analyst	

Key Skills: Python   Visualization   Tableau

At Twilearn, I discovered how to transform complex data into beautiful visuals that tell compelling stories. My work with Tableau empowered me to share data driven findings in a way that was easy to understand and visually appealing.

PROJECTS

Camouflogue Animals - Digital Image Processing	01 Feb, 2024 - 30 May, 2024
Team Size: 3	

Key Skills: Machine Learning   Image Processing

Project Link: https://github.com/ChallaPavanSanthosh/Camflogue-Animals---Digital-Image-Processing.git

This initiatives aims to address this challenge by developing a systematic approach for accurately identifying common, camouflaged animals. This system will encompass several key factors like habitat analysis, coloration patterns, morphological features, behavioral cues.

Google AppStore DataAnalysis - Data Science	01 Aug, 2023 - 01 Sep, 2023
Team Size: 1	

Key Skills: Python   Data Analytics   Tableau

Project Link: https://github.com/ChallaPavanSanthosh/Google_AppStore_DataAnalysis.git

I successfully conducted a comprehensive data analysis project focusing on Google Playstore data using Tableau. Utilizing advanced visualization techniques, I gained valuable insights into user preferences, app ratings, and market trends.
My findings contributed to informed business decisions and improved overall app performance.
Throughout the project, I extracted and cleaned large-scale data from the Google Playstore, ensuring data accuracy and reliability.

Resturant Management System - Python
02 Mar, 2023 - 10 Apr, 2023
Team Size: 3

Key Skills: Python

Project Link: https://github.com/ChallaPavanSanthosh/Resturant-Mangement-System.git

Made development of a comprehensive Restaurant Management System, empowering shop owners to efficiently handle billing and inventory management tasks. This user-friendly calculator seamlessly incorporates GST calculations and other essential parameters, streamlining the billing process.

Bank-Loan-Report-Analysis_Excel

Key Skills: Excel   Visualization

Project Link: https://github.com/ChallaPavanSanthosh/Bank-Loan-Report-Analysis_Excel.git

- Developed interactive Excel dashboards to visualize and analyze key metrics of bank loan data, including loan applications, funded amounts, and interest rates.
- Segmented loan data into good and bad loans, providing detailed insights into loan performance based on categories such as grade, purpose, and term.
- Created detailed documentation to enhance project accessibility and understanding, highlighting insights into loan performance and borrower financial health.

Lok Sabha Election Results Scraper And Data Analysis
Team Size: 1

Key Skills: Data Analysis   Power BI   Scripting   Python   Visualization   Visual Studio   Pandas

Project Link: https://github.com/ChallaPavanSanthosh/loksabha.git

-Developed a Python script to extract detailed Lok Sabha election results from the Election Commission of India's website.
-Scraped party-wise data including seats won, leading counts, and total seats.
-Extracted constituency-level details for each party, capturing winning candidates, total votes, and margins of victory.
-Implemented error handling for robust data extraction from multiple web pages.
-Organized scraped data into structured Excel files for further analysis.
This project showcases proficiency in web scraping using Python libraries and data management skills for extracting and structuring complex electoral data.

ASSESSMENTS / CERTIFICATIONS

Programming for Everybody (Getting Started with Python)

Key Skills: Python

Big Data Analysis Deep Dive

Key Skills: Data Analysis

AWS Academy Machine Learning Foundations

Key Skills: Machine Learning

Python For Data Science

Key Skills: Data Analysis   NumPy   Pandas   Tableau   Python

CO-CURRICULAR ACTIVITIES

- Futurithon 1.0, Tech Mesh'23 organized by computing technologies association, Department of Computing Technologies, SRMIST KTR
- PSG iTECH HACKFEST-2023 at KLU
- 24hrs online hackathon organized by the Design and Innovation Club ,SRMIST
- Standard Chartered Hackathon

EXTRA CURRICULAR ACTIVITIES

- IEI Membership

PERSONAL DETAILS

Gender: Male
Marital Status: Single
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Emails: cc9121@srmist.edu.in , chvspsanthosh@gmail.com

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