

Pandre Surya Prakash Rao  
Graduate  
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## EDUCATION

Degree	Specialization	Institute	Year	CGPA
BSc-MSCs	Computer Science	KMICS Hyderabad	2021-2024	8.23
TSBIE	Physics, Chemistry, & Mathematics	NRI College	2019-2021	9.6
SSC	Physics, Chemistry, & Mathematics	ZPHS	2018-2019	9.7

## PROJECTS

- **Electoralens 2024: Data-Driven Insights into India's General Elections** *Oct-Nov 2024*
  - **Analyzing the 2024 India's General Elections results using the following database: MS SQL Server.** This project is perfect for those looking to deepen their understanding of data analysis and SQL
  - I have worked with five CSV files, offering a real-time project experience that will teach you invaluable skills. Implementing **Schemas and ERD (Entity-Relationship Diagrams) ETL (Extract, Transform, Load) Processes**
  - This project will provide hands-on experience with real data.
- **Data Analysis on Diwali Sales: Exploratory Data Analysis [EDA]** *Nov-Dec 2024*
  - Data Preprocessing Importance for **Proper cleaning and formatting** data which is used to **remove unnecessary columns, handling null values, and converting data types**
  - Essential Python libraries such as **NumPy, Pandas, Matplotlib(including its Pyplot module) and Seaborn** are used. The dataset, named "Diwali Sales Data.csv", is loaded into the Notebook.
  - Perform deeper analysis on product categories to determine which items drive sales the most. Explore seasonal trends to identify peaks in spending.

## CERTIFICATIONS

- **Python Full Stack Certificate** in VedaIT Institute. *Dec 2024*
- **Received a Volleyball Certificate** for achieving second place in the tournament. *Dec 2021*
- **Earned a Multilingual Certificate** from school for fluency and proficiency in Hindi. *Sep 2015*

## POSITIONS OF RESPONSIBILITY

- **Volleyball Coordinator [KMICS]** *Dec 2023*
  - **Organized Volleyball Tournament** as part of the intra-college sports festival at KMICS Hyderabad, with **participation from over 120 students** of the institute.
  - **Led a team of four** responsible for looking after **scheduling of matches** between **20+ registered teams**, addressing **logistical concerns**, crowd management, and **seamless execution** of the event.

## EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- Secured **first position in Quiz** out of **12+ teams** as a part of Quiz 2022
- Secured a **Second position in the Volleyball tournament 2021** out of **16+ competing teams** from the institute
- **Won as a team** in the **School Science-Fair 2018** and bagged **runners-up position** out of **Twelve teams**

## TECHNICAL SKILLS

- **Languages:** Python, C (Basics), MS SQL
- **Tools:** SSMS, Jupiter Notebook, IDLE, VS Code, GitHub
- **Web Frameworks:** HTML, CSS, JavaScript, Django, Rest API
- **Libraries:** Pandas, NumPy, Matplotlib