

PARTHA SARATHI BARIK

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Skills:

Programming Languages: Python, C#, Java, C/C++, SQL, HTML
Languages: English, Hindi, Oriya, Telugu
AI and Machine Learning: Prompt engineering for ChatGPT, AI image generation

Tools and Technologies: SQLite, MySQL, PostgreSQL, Git, MS Office, RStudio, JupyterLab, VS Code, MySQL Workbench
Libraries and Frameworks: pandas, ggplot2, seaborn, scikit-learn, pillow, requests, UnitTests

Projects:

Partner Appointment App*

Market research and branding activities centred on an app inspired by the Japanese “partner for hire” concept.

- Evaluated technological and cultural aspects to assess feasibility of the business.
- Understood specific audience for the service, laying the groundwork for targeted strategic decisions.
- Designed branding and conceptualised key ad elements for an effective ad campaign.

Art Gallery Database System

• Designed and implemented a relational database for an art gallery, including ER diagram design and normalization to 3NF. • Technologies: PostgreSQL, pgAdmin

Data Analysis of Online Retail Sales

• Performed data preprocessing, analysis, and visualization to extract trends and patterns. • Technologies: Python, pandas, Jupyter Notebook

Data Visualization with RStudio

• Created interactive data visualizations, including charts, graphs, and dashboards. • Technologies: RStudio, ggplot2

Certifications:

Google Professional Data Analysis Certification* - Google

CS50x and CS50p* – Harvard

Relational Database Design - University of Colorado Boulder

[\[Certificate\]](#)

The Structured Query Language (SQL) - University of Colorado Boulder

[\[Certificate\]](#)

Ask Questions to Make Data Driven Decision – Google

[\[Certificate\]](#)

Mastering Data Analysis with Panda - Coursera Project Network

[\[Certificate\]](#)

Awards and Recognition:

- Placed 3rd in the national-level IT Quiz 'Abacus 2024' at [BBCIT](#), Hyderabad.
- Served as Dominica's delegate at the [Commonwealth Youth Summit 2018](#) Health Minister's Meeting, held at Oakridge International.
- Runner-up at [The Hindu Future India Club \(FIC\) quiz](#), Hyderabad, 2024.
- Placed 1st in the 'Preventive Vigilance as a Tool for Good Governance' analytical writing contest, by CIRE and [REC](#).
- Throughout my academic career, I have achieved recognition for articulate presentations, active participation, strong academic engagement, charm and athleticism.

Education:

Pragati Mahavidyalaya College, Osmania University, Hyderabad - Bachelor of Computer Science | 2021 – 2024

- Relevant Course Work: Linear Algebra, Data Structures and Algorithms, DBMS, Software Engineering Principles, Statistical Analysis, Probability, Computer Networks and Security, Object-Oriented Programming

Sri Chaitanya Junior College, Hyderabad - MPC (Math, Physics, and Chemistry) | HSC | 2021

Adarsh Vidyalaya High School, Hyderabad - SSC | 2019

Intellectual Exploration and Extracurricular Pursuits:

- Passionate about exploring the complexities of morality, the power of truth, and lessons from 20th-century historical events.

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*On-going Courses