

# SIDDHARTH REDDY GOURIGARI

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## SUMMARY

Detail-oriented Data Analyst with expertise in MySQL, Power BI, and Python for extracting insights and presenting data visually. Experienced in analysing large datasets and building insightful dashboards through academic and personal projects.

## EDUCATION

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<b>B. TECH in Electronics and Communication Engineering (ECE)</b> Mahaveer Institute of Science & Technology. Hyderabad	<b>2020 -2024</b>
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<b>Intermediate in Mathematics, Physics, and Chemistry (M.P.C)</b> 2020 Sri Chaitanya Junior College. Hyderabad	<b>2018–</b>
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<b>SSC</b> Lotus National School. Hyderabad	<b>2017-2018</b>
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## SKILLS

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**Programming Languages:** Python (NumPy, Pandas, Matplotlib)  
**Databases:** SQL, MySQL, MongoDB  
**Data Visualization Tools:** Power BI, Matplotlib  
**Other Skills:** Data Cleaning, Dashboard Development, Trend Analysis

## INTERNSHIPS

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<b>Virtual Internship</b> Code Alpha – Virtual Internship (Python Programming) <ul style="list-style-type: none"><li>Developed and optimized Python-based applications.</li><li>Analyzed data and implemented innovative solutions for real-world problems.</li><li>Gained hands-on experience in emerging technologies and tools.</li></ul>	<b>Nov 2024 – Dec 2024</b>
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## PROJECTS

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**IPL Complete Dataset Analysis (2008–2024)**

- Conducted in-depth analysis of IPL match data using MySQL to extract trends and actionable insights.
- Designed and developed interactive dashboards in Power BI to visualize player performance and team statistics.
- Dataset includes match descriptions, results, winners, player of the matches, and ball-by-ball data across two CSV files (matches and deliveries). **ATM Simulation Application**
- Created a Python-based simulation of an ATM system with features for deposit, withdrawal, balance inquiry, and exit.
- Implemented error-handling for invalid transactions and user-friendly prompts.
- Designed modular code to ensure easy scalability and maintenance.

#### **Google Play Store Data Analysis**

- Developed a data analysis project focusing on Google Play Store datasets using NumPy, Pandas, and Matplotlib.
- The project analyzed app ratings, downloads, and category performance to derive meaningful insights. It involved data cleaning, manipulation, and creating visualizations to highlight trends and correlations within the dataset.
- Leveraged Pandas and Matplotlib for data preprocessing and trend analysis.
- Delivered actionable insights to improve app strategies.

#### **CERTIFICATIONS**

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- Python For Data Science Certificate
- Data Visualization with Power BI Certificate
- Basics of Exploratory Data Analysis Certificate