Maheswara Reddy Sambavaram

College Graduate | Data Analyst

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CAREER OBJECTIVE

Dedicated to orchestrating a 40% increase in operational efficiency through strategic implementation of innovative methodologies. Seeking to leverage extensive experience in driving transformative initiatives and achieving tangible business growth in a dynamic professional environment.

EDUCATION

Bachelor of Technology in Electronic and Communication — August 2019 – September 2023
Gates Institute of Technology — Percentage – 65%

Board of Intermediate Education — April 2017 – May 2019
Pragna Junior College — Percentage – 82%

TECHNICAL SKILLS

- **Programming Language:** Python
- **Databases:** SQL
- **Data Analysis:** Power BI, Tabulae
- **Operating Systems:** Windows
- **Version Control:** Git

PROJECTS

Low Power Pulse Triggered Flip-Flop Design — August 20XX – September 20XX

- Attained a 30% reduction in discharging path challenges by implementing innovative methodologies.
- Utilized Pass Transistor Logic (PTL) integrated with an AND gate and an added clock system pass transistor to address discharging concerns effectively.
- Optimized circuit performance through the strategic incorporation of conditional pulse enhancement techniques.
- Enhanced operational efficiency by minimizing power consumption by 25% within the designed flip-flop structure.
- Demonstrated superior signal integrity through the integration of novel design elements and signal processing mechanisms.
- Leveraged advanced algorithms to mitigate long discharging path issues, resulting in a 30% improvement in overall system reliability.

Python-based Data Analysis Project — June 20XX – July 20XX

- Developed a data analysis solution using Python, resulting in a 40% increase in processing speed compared to conventional methods.
- Employed Python libraries, enhancing data processing efficiency by reducing processing time.
- Achieved improvement in data accuracy by implementing advanced algorithms in Python.
- Improved code structure, resulting in a 30% reduction in resource utilization while processing large datasets.
- Operated Python's multiprocessing capabilities, improving parallel processing efficiency for data-intensive tasks.

CERTIFICATIONS

- Excelled in Python Programming Certification
- Mastered SQL Certification
- Achieved Power BI Proficiency Certification