

SANAGAPATI PRASANNA

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Education Qualification:

- Completed M. Tech (VLSI design) at Guntur Engineering college, Guntur in 2021.
- Completed B. Tech in a stream of Electronics and Communication at Chalapathi Institute of Technology, Guntur in 2018.
- Completed Board of Intermediate Education in Santhinikethan Junior College, Amaravathi in 2014.
- Completed Secondary School of Education in Sri Ramakrishna Hindu High School, Amaravathi in 2012.

PROJECTS:

- **Title:** DESIGN AND IMPLEMENTATION OF 8T SRAM CELL USING DUAL ADDRESS CHECKING TECHNIQUE
- **Title:** SMART CARD BASED SECURITY SYSTEM
- **ROLE:** Team Leader

Technical skills:

Power BI:

- Extensive experience in building interactive dashboards and visualizations using Power BI Desktop.
- Proficient in data modelling techniques, including relationships, calculated columns, and measures.
- Skilled in transforming and cleaning data with Power Query Editor for optimal visualization.

Microsoft Excel:

- Proficient in creating complex formulas, including HLOOKUP, VLOOKUP, INDEX-MATCH, and nested IF statements.
- Experienced in Data Validation and Analysis using POWER QUERY, PIVOT TABLES, and ARRAY functions.
- Skilled in developing dynamic DASHBOARDS AND REPORTS to visualize data trends and insights.

SQL (Structured Query Language):

- Strong command of SQL for querying and manipulating relational databases.
- Experienced in writing complex SQL queries to extract, transform, and analyse data from large datasets.
- Familiarity with database management systems such as MySQL, and Microsoft SQL Server.

VBA (Visual Basic for Applications):

- Proficient in automating repetitive tasks and creating custom functions using VBA in Excel.
- Experienced in developing macros to streamline data processing and reporting workflows.

APPLICATIONS:

Creating financial reports using excel:

- Developed advanced Excel models to streamline financial reporting processes, including complex formulas and macros to automate data analysis tasks.

Creating Dash boards using power BI:

- Created interactive dashboards in Power BI to visualize sales performance metrics and identify key trends for strategic decision-making.

Extraction of data using SQL:

- Utilized SQL queries to extract and manipulate customer data from a relational database, improving data accuracy and efficiency in reporting.

Automation of data using VBA:

- Implemented VBA code to automate data entry tasks and generate customized reports, resulting in a significant reduction in manual errors and time savings

Certification:

- Attended workshop on “Application of transformation to thermal wave detection and ranging” by DATA POINT, HYD.
- Attended workshop on “Big data and cloud computing” by computer and science department in chalapathi institute of technology.

Experience:

- Worked as computer operator in Jayalakshmi maruthi suzuki for 6 months in mandadam

Hobbies:

- **Music** : Indicates dedication , discipline
- **Cooking**: Exhibits creativity, patience, and attention to detail.

Achievements:

- Lead a team of 5 in a semester-long group project, resulting in a successful product launch that received top marks from the faculty.
- Mentored new members of the debate club, helping them improve their public speaking skills and contribute to the team’s success in regional competitions."