BASIREDDYGARI GOWTHAMI

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CAREER OBJECTIVE

Aim to be associated with a progressive organization that gives me scope to update my knowledge and skills in accordance with latest technologies and be a part of team that dynamically works towards the growth of the organization.

EDUCATION

Master of Computer Applications 2022 – 2024
- CGPA – 8.0
- Sri Venkateswara University, AP

Degree in B. Sc. 2019 – 2022
- CGPA – 9.59
- Sri Ramakrishna Degree College, Rayalaseema University, AP

Intermediate 2017 – 2019
- CGPA – 10
- J. C. Nagi Reddy Memorial Junior College, Tadipatri, AP

SSC 2016 – 2017
- CGPA – 10
- Sri Vasavi Vidyanikethan E. M High School, Tadipatri, AP

SOFTWARE SKILL SET

- **Skills**   : Python, SQL
- **Databases**   : MySQL, Oracle
- **Operating system** : Windows

PROJECTS

College Management System, Sri Venkateswara University 2022 – 2023
Tech Stack: Python, MySQL, HTML, CSS, Bootstrap, JavaScript
- Developed a full-stack web application to automate and streamline student, faculty, and administrative workflows.
- Designed a user-friendly interface with authentication, student/staff management, curriculum tracking, attendance monitoring, and event announcements.
- Implemented database optimization techniques using PostgreSQL, improving query performance and ensuring seamless data retrieval.

Real-Time Pothole Detection and Traffic Prediction System 2023 – 2024
- Implemented image processing techniques to accurately detect potholes and enhance road safety.
- Applied classification algorithms to predict traffic conditions, improving the efficiency of traffic management.
- Ensured real-time availability and scalability of pothole information through cloud storage solutions.
- Technologies Used: Python, VS Code, Image Processing , Machine Learning (CNN).