Dinesh Reddy Kothapalli

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EDUCATION

Viswam Engineering College	Madanapalle, India
Bachelor of Technology (ECE); CGPA: 7.14	**November 2020 - May 2024**
Sri Siddhartha Junior College	Madanapalle, India
Intermediate (MPC) : CGPA: 7.13	**June 2018 - August 2021**
Sathya Sai English Medium High School	Madanapalle, india
SSC : CGPA: 9.0	**June 2017 - March 2018**

SKILLS SUMMARY

- **Languages**: Python, SQL
- **UI Frameworks**: HTML, CSS, JavaScript
- **Tools**: Excel, Power Point, MYSQL
- **Platforms**: PyCharm, Jupyter Notebook, Visual Studio Code
- **Soft Skills**: Problem-Solving, Excellent communication, Time Management,Team Work

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WORK EXPERIENCE

AI and ML Internship | Edunet Foundation | LINK   **June 23- July 23**
- Increased model accuracy by **15%** through designing and implementing machine learning algorithms.
- Optimized data preprocessing workflows, reducing data cleaning time by **20%** using Python libraries like Pandas and NumPy.
- Deployed machine learning models to production environments, enabling **real-time predictions** with Flask.
- Improved team collaboration and version control efficiency by leveraging Colab Notebook and Git for project management.

PROJECTS

Employee Management System | LINK

  Technologies Used : Python,MYSQL
- Developed an Employee Management System using Python and MySQL to streamline employee data management.
- Implemented features for employee record creation, modification, and retrieval, ensuring data accuracy and accessibility.
- Created a user-friendly interface to simplify administrative tasks and enhance efficiency.Integrated database connectivity for secure and organ

Quiz Appication | LINK

  Technologies Used : Python
- Developed Interactive Quiz Application using Python to deliver multiple-choice questions and real-time feedback to users.
- Implemented Dynamic Question Handling with structured data storage, enabling easy updates and scalability of quiz content.
- Designed Scoring and Feedback Mechanism to track user performance and provide immediate correct/incorrect responses.
- Enhanced User Experience by creating a command-line interface that guides users through the quiz seamlessly.
- Ensured Code Efficiency and Reliability through comprehensive testing and debugging, resulting in a smooth and error-free application.

CERTIFICATES

Python Full Stack | CERTIFICATE
- Mastered fundamental Python syntax, proficiently utilizing control flow, loops, functions, and data structures.
- Acquired expertise in procedural programming paradigms and associated logical concepts, enhancing capabilities.

Introduction to Internet of Things (NPTEL) | CERTIFICATE   **July 23 - October 23**
- Gained foundational knowledge of IOT concepts, including sensors, actuators, and communication protocols
- Explored IOT applications across industries and studied real-world use cases like smart homes and connected devices.