# Kothapalli Dinesh Reddy

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## EDUCATION

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| 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 - March 2020** |
| Sathya Sai English Medium High School | Madanapalle, India |
| SSC : CGPA: 9.0 | **June 2017 - March 2018** |

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## SKILLS SUMMARY

- **Programming Languages** : Python
- **Web Framework** : Django
- **Database Management** : MYSQL, Oracle
- **Web Development** : HTML, CSS, JavaScript
- **Platforms** : PyCharm, Visual Studio Code,Colab Notebook
- **Soft Skills** : Problem-Solving, Excellent communication, Time Management, Team Work

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## WORK EXPERIENCE

**AI and ML Internship | Edunet Foundation**                          **June 23- July 23**
- Coordinated with the team to document workflows and contribute to project discussions.
- Assisted in the preparation and management of datasets used in AI and ML projects.
- Gained exposure to basic tools and frameworks used in AI and ML projects, enhancing understanding of how such systems are developed and deployed.
- Assisted in organizing and maintaining project documentation, ensuring clarity and accessibility for the team.

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## PROJECTS

**Employee Management System:**

    **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 organized management of employee data.

**Online Quiz Application:**

    **Technologies Used : Python, Django, MYSQL, HTML, CSS**
- Developed a web-based Online Quiz Application using Python, Django, and MySQL, enabling interactive quizzes with real-time scoring for enhanced user engagement.
- Designed responsive front-end interfaces with HTML and CSS, ensuring accessibility and a seamless experience across desktop and mobile devices
- Implemented back-end functionality with Django, integrating MySQL for secure storage and efficient retrieval of quiz questions and user data.
- Created dynamic features like randomized question selection and instant feedback, improving scalability and user interaction.
- Ensured Code Efficiency and Reliability through comprehensive testing and debugging, resulting in a smooth and error-free application.

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## CERTIFICATES

**Python Full Stack**
- 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)**
- 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.