SIDDEM RAJESH

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🪪 PROFILE SUMMARY

Motivated and resilient graduate with a Bachelor's degree in Computer Science and Engineering (IoT), seeking a challenging role in a reputed organization. Aiming to leverage my technical skills to contribute to the company's success while continuously Enhancing my expertise and embracing new learning opportunities.

🎓 EDUCATION

Bachelor of Technology, Computer Science and Engineering (IOT)	CGPA: 8.91/10	12/2020 – 07/2024
G. Pullaiah College of Engineering and Technology		Kurnool, India
Intermediate, MPC	CGPA: 8.69/10	06/2018 – 06/2020
Rao's Junior College		Nandyal, India

🧠 SKILLS

Programming Languages — Python, Java │ **Databases** – Oracle, MySQL │ **Web Technologies** – HTML, CSS, JavaScript │ **Additional Skills** – IoT, Database Management Systems (DBMS) │ **Tools & Platforms** – VS Code, Figma, Canva, Git/GitHub

💼 INTERNSHIPS

Frontend Development Intern
Edunet Foundation, APSCHE
06/2023 – 09/2023
Kurnool, India

- Designed and developed responsive web pages using HTML, CSS and JavaScript, ensuring compatibility across different screen sizes and devices.
- Created interactive UI components such as navigation menus, buttons, and forms, improving user experience and engagement.
- Gained hands-on experience in front-end design, including layout structuring, styling, debugging, and optimizing website performance for better usability.

Internet of Things Intern
Madblocks Technologies Pvt Ltd
06/2022 – 09/2022
Hyderabad, India

- Gained expertise in IoT development by programming with microcontrollers and integrating sensors for real-time data collection and processing.
- Developed a strong understanding of IoT protocols, ensuring efficient data transmission, secure device communication, and seamless network connectivity.
- Designed and built IoT solutions, focusing on hardware-software integration, improving system performance and ensuring reliability.

📁 PROJECTS

Intelligent Systems for Vehicle (ISV)
01/2024 – 04/2024

- **Technologies used:** IoT Technology, HTML5, CSS, JavaScript ...etc.
- **Software used:** Arduino IDE, VS Code
- Intelligent Systems for Vehicle (ISV) is an IoT based project that integrates various features to enhance the vehicle safety and real-time monitoring capabilities.
- Features includes Accident alert, Alcohol detection, Real-time vehicle tracking, Driver fatigue detection, Seat-belt alert, Vehicle environment monitoring etc.
- Additionally, a user-friendly website was developed to highlight the key features of ISV.

Smart Pet Feeder
07/2022 – 09/2022

- **Technologies used:** IoT Technology
- **Software used:** Arduino IDE
- Smart pet feeder is a revolutionary IoT project designed to help pet owners feed their pets on a regular basis even when they are not at home.
- This system utilizes ESP8266 microcontroller to feed pets automatically. It communicates with the Adafruit. io server to distribute food.
- A camera module watches the pet's food intake, if the food container is empty, it sends an SMS alert to the owner's mobile phone.

🏅 CERTIFICATIONS

Microsoft Certified Azure Fundamentals | SQL from Beginner to Expert,Udemy | Java Full Stack Certification, Wipro

🏆 ACCOMPLISHMENT

Published a research journal on **IoT based Intelligent Systems for Vehicles**, highlighting innovations in real-time monitoring, sensor integration, and safety enhancements using IoT technology.

💡 EXTRA ACTIVITIES

- Winner of the **State Level Essay Writing Competition**, *GPCET*
- Participated in **AVISHKAAR Hackathon,** *2024*
- Participated as **Volunteer in Smart India Hakathon (SIH),** *2022*