VIJAYA BHASKAR REDDY VENNA

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Location   : Hyderabad

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EDUCATION:

- **B Tech |** Audisankara College of Engineering and Technology, Gudur| Electrical and Electronics Engineering | 2019-2023 | 7.86 CGPA

- **Intermediate |** Sri Sai Vikas Junior College, Markapur | MPC | 2017-2019 | 7.9 CGPA

- **10th |** Z P High School, Thummalacheruvu | SSC | 2017 | 8.2 CGPA

PROJECTS:

1. **Designed and implemented a Temperature-Based Fan Speed Control and Monitoring System using Arduino Uno.**
   - Developed a dynamic fan speed control system that adjusts fan speed based on real-time temperature readings to optimize energy efficiency.
   - Integrated LM35 temperature sensor with Arduino to monitor temperature and control fan speed accordingly.
   - Displayed real-time temperature and fan speed data on an LCD panel, enhancing user interaction and system monitoring.
   - Hardware Components: Arduino Uno, LM35 Temperature Sensor, DC Fan, LCD Display, Potentiometer, Transistor, Resistor, Diode, Capacitor, LED, Breadboard.

EXPERIENCE:

IScientific Techsolutions Labs Pvt. Ltd. (May 2024 – Present)

1. **Design and Implementation of a Web Application for Centralized Control Monitoring System.**
   - Led the complete lifecycle of a complex project involving the design and implementation of the CCMS using HTML, CSS, BOOTSTRAP, MYSQL, PHP.
   - Developed this Application for the monitoring and visualization of data.
   - Showcased expertise in web development, database management, and user interface design.
   - Utilized a tech Full Stack for successful project execution.

2. **Design and Implementation of a Web Application for Building Energy Monitoring System.**

   - Led the complete lifecycle of a complex project involving the design and implementation of the CCMS using HTML, CSS, BOOTSTRAP, MYSQL, PHP.
   - Designed and implemented a **Building Energy Monitoring System (BEMS)** dashboard for real-time monitoring and control of electrical meters.
   - Developed a user-friendly interface to display **consumed load per device** and manage the status of **switched devices**.

- Created visualizations to track key electrical parameters such as **kW, kVA, current, and voltage** for enhanced data comprehension.

TECHNICAL SKILLS:

- **Languages** **:** Core Java, PHP
- **UI** **:** HTML 5, CSS, Bootstrap, JavaScript , ReactJs .
- **Data Base** **:** MySQL.
- **Advanced Java** **:** Servlets , JSP, JDBC, MVC Architecture, REST API's.
- **Frameworks** **:** Spring Boot, Microservices,Hibernate.
- **Version Control** **:** GIT AND GITHUB.
- **IDEs** **:** Eclipse, VS Code.

CERTIFICATIONS:

- Trained on Java, HTML, CSS , Bootstrap ,JavaScript, MySQL, ReactJs – V CUBE Software Solutions.
- Course completion certificate on Web Development from Hyse Software Solutions Private Limited.

ACHIEVEMENTS:

- Secured 1st Position in Running Race conducted by ASIT college.
- Secured 1st Position in Kabaddi contest conducted by Z P High School.

DECLARATION:

I declare that the information provided is true and accurate to the best of my knowledge.

Place: Hyderabad   **VIJAYA BHASKAR REDDY VENNA**

Date: