P. GEETHA SHANKAR YADAV

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EDUCATION

Vellore Institute Of Technology, Andhra Pradesh
Bachelor of Technology, Computer Science and Engineering
2021 - 2025
CGPA: 7.16

Sri Chaitanya Junior College
Intermediate (MPC)
2020 - 2021
CGPA: 9.17

Sri Chaitanya School
10th Standard
2018 - 2019
CGPA: 9.0

SKILLS SUMMARY

- **Languages:** Java, HTML & CSS
- **Tools:** VS Code, MS Office, MS Excel
- **Databases:** DBMS (SQL)
- **Coursework:** Basic Data Structures & Algorithms, OOPs, DBMS
- **Minor/Specialization:** Internet of Things (IoT)
- **Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability
- **Interests:** IoT, Web Designing

INTERNSHIPS

Intern - Vision Technologies *(Remote)*
Aug 2023 - Oct 2023

- Developed a project on IoT-based smart agriculture system.
- Integrated IoT into farming to support Smart Farming, Precision Agriculture, and Agriculture 4.0.
- Focused on increasing production efficiency, improving product quality, and reducing costs.

PROJECTS

Traffic Police Hand Gesture Recognition for Self-Driving Cars in India Using MoveNet Thunder

- Worked on a real-time system enabling autonomous vehicles to recognize and interpret traffic police hand gestures and achieved overall accuracy of 90% in detecting all gestures.
- Utilized MoveNet Thunder for pose estimation to achieve high gesture recognition accuracy.
- Focused on improving navigation by integrating gesture-based decision-making into self-driving systems.

IoT Based Smart Agriculture System Using Arduino

- Designed and implemented a smart farming solution using IoT sensor networks.
- Collected real-time data for accurate analysis and actionable insights to optimize farming processes.
- Enhanced production efficiency, improved product quality, and reduced operational costs.

CERTIFICATIONS

- AWS Cloud Essentials   by   AWS ([LINK](#))
- Google Cloud Digital Leader   by   Google ([LINK](#))
- JavaScript Essentials 1 (JSE)   by   Cisco network academy ([LINK](#))
- IOT   by   Vision Technologies ([LINK](#))