

SHIVACHARAN DESHETTI

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OBJECTIVE

Aspiring AI/ML Engineer with a strong foundation in Machine Learning, NLP, and Computer Vision. Proficient in Python, Deep Learning, and Data Structures. Passionate about developing scalable AI solutions and working with cross-functional teams to solve real-world challenges. Seeking an AI/ML Internship at Johnson Controls to contribute to cutting-edge technologies.

EDUCATION

B.Tech in Computer Science, Keshav Memorial Institute of Technology Expected 2026
Focus on Data Structures, Algorithms, Machine Learning, Web Technologies.

Intermediate, Srichaitanya Junior College 2020 - 2022
Specialized in Mathematics, Physics, and Chemistry.

SKILLS

Languages: Python, Java, C++

Cloud & DevOps: AWS, Oracle Cloud, Docker, Kubernetes, CI/CD

Web Development: ReactJS, Node.js, Express.js, MongoDB, MySQL

AI & ML: Deep Learning, TensorFlow, OpenCV, LLMs, Computer Vision

IoT & Embedded Systems: Raspberry Pi, Arduino, IoT Protocols

Soft Skills: Problem-solving, Critical Thinking, Teamwork

PROJECTS

TalkWithSigns - Real-time ISL Translator (AI&ML, React, Flask)

- Developed an AI-powered Indian Sign Language (ISL) translator for real-time communication.
- Implemented deep learning models for gesture recognition and conversion to text/speech.
- Built a full-stack web app using ReactJS (frontend) and Flask (backend) with live video feed.

Automatic Drug Dispenser (IoT, MERN Stack)

- Designed an IoT-based medication management system with smart drug dispensing.
- Developed a full-stack web interface using ReactJS and Node.js.
- Integrated with Raspberry Pi and sensors for real-time monitoring.

Astronexus - Space Info Platform (MERN Stack)

- Developed a real-time space info platform using NASA APIs.
- Implemented user authentication, space news filtering, and article saving.
- Built UI with ReactJS & Tailwind, backend with Node.js & MongoDB.

EXPERIENCE

- Solved 200+ LeetCode problems, strengthening DSA & algorithms.
- Built full-stack applications integrating REST APIs & databases.
- Developed AI models for Classification and trying to Automate Things
- Participated in hackathons like **VNR Hackathon**, **Vasavi Hackathon**, solving real-world challenges.