# SHIVACHARAN DESHETTI

+91 9392987318 ◇ Hyderabad, India

shivacharan.deshetti@gmail.com ◇ linkedin.com/in/shivacharan-deshetti ◇ github.com/shivachara369

## OBJECTIVE

Computer Science student passionate about AI-driven automation, IoT, cloud computing, and full-stack development. Skilled in Python, deep learning, and web technologies, with experience in building scalable AI-powered and IoT applications. Seeking an internship at Viswam.ai to contribute to AI automation and intelligent systems.

## EDUCATION

**B.Tech in Computer Science**, Keshav Memorial Institute of Technology <span style="float:right">Expected 2026</span>
Focus on Data Structures, Algorithms, Machine Learning, Web Technologies.

**Intermediate**, Srichaitanya Junior College <span style="float:right">2020 - 2022</span>
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

**Medical Image Captioning for Chest X-Rays (AI)**

- Built an AI model generating text descriptions from X-ray images.
- Leveraged LLMs TensorFlow for automated diagnostics.
- Trained on large-scale medical datasets to improve accuracy.

**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 automation and data-driven insights.
- Participated in hackathons like **VNR Hackathon, Vasavi Hackathon**, solving real-world challenges.