

SHIVACHARAN DESHETTI

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OBJECTIVE

Computer Science student passionate about AI, cloud computing, and web development. Skilled in Python, Java, and C++, with experience in building AI-driven, scalable applications. Seeking an opportunity at Oracle to contribute expertise in cloud technologies, software engineering, and database management.

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

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

Machine Learning: TensorFlow, Deep Learning, OpenCV

Soft Skills: Problem-solving, Teamwork, Adaptability

PROJECTS

Astronexus - Space Info Platform (MERN Stack)

- Developed a real-time space info platform using NASA APIs.
- Implemented user authentication, space news filtering, article saving.
- Built UI with ReactJS Tailwind, backend with Node.js MongoDB.
- Designed a secure REST API for user article management.

Real-Time Indian Sign Language Translator (AI, Cloud)

- Developed AI-based ISL translator converting signs to text speech.
- Deployed deep learning model on Oracle Cloud/AWS for real-time processing.
- Used computer vision and NLP to improve recognition accuracy.

Automatic Drug Dispenser (MERN Stack, IoT)

- Engineered a web-based automated medication management system.
- Integrated ReactJS Node.js for UI and backend operations.
- Connected with IoT hardware for precise drug dispensing.

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.

EXPERIENCE

- Solved 200+ LeetCode problems, strengthening DSA algorithms.

- Built cloud-based 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.