

SREE VARSHITHA VADDI

varshithavddi2004@gmail.com | +91 9392850874 | Tadipatri, Andhra Pradesh, 515411

[LinkedIn](#) | [GitHub](#)

Passionate Computer Science Engineering student with a focus on AI and ML, skilled in Java, Python, DSA and web development. Proven experience in developing innovative solutions such as driver drowsiness detection and heart attack prediction systems. Completed an internship at Ethnus, led the development of a job portal platform using the MERN stack. Achieved a 4-star rating in Java on HackerRank and published research. Active member of the CSI club, dedicated to continuous learning and impactful software development.

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering (Specialization in AI/ML)**
VIT-AP University, Amaravathi, Andhra Pradesh, Ongoing, 2025, CGPA: 8.94
- **Intermediate, Sri Chaitanya Girls Junior College, Vijayawada, Andhra Pradesh, India, 2019, 98.7%**
- **10 Standard, Narayana School, Tadipatri, Andhra Pradesh, India, 2019, GPA: 10**

ACHIEVEMENTS

- Published a paper on Driver Drowsiness Detection using Deep Learning at 4th International conference ICCIS in 2023
- 4- Star Rating in Java on Hacker Rank
- Secured Top 25 in Codeathon 2024 (October Edition) organized by VIT-AP in association with IAMNEO.

CERTIFICATIONS

Java, Solo learn, 2023

Web Development, Bharath Intern, 2023

Power BI workshop, Skill Nation, 2024

MERN Full Stack, Ethnus, 2023

Frontend Web Development, Octanet, 2023

MATLAB onramp, MATLAB Academy, 2023

SKILLS

Hard Skills: Java, OOPS, DSA, Python, HTML, CSS, Machine Learning, Microsoft Office Suit, JavaScript

Soft Skills: Communication, Team work, Problem-Solving, Adaptability, Commitment, Creativity

Languages: English(Proficient), Hindi(Intermediate), French(Novice), Telugu(Native)

INTERNSHIPS

Web Developer Intern (MERN Full Stack), Ethnus, Bangalore, Karnataka, India , Sep 2023 to Nov 2023

Project: Job Board Platform(Tech Stack : React.js, MongoDB, Node and Express.js)

- Collaborated with a 5-member team on MERN full-stack development, contributing to the creation and testing of a job board platform with advanced search and filtering features.
- Resolved API testing challenges with Postman by optimizing configurations and enhancing error handling, improving API functionality and organization. Deployed the platform on Vercel

PROJECTS

Driver Drowsiness Detection using Deep Learning , VIT-AP University, Amaravati , Andhra Pradesh, India , May 2023 to July 2023

- Collaborated with a team of three and developed a smart drowsiness detection system, using CNN with VGG-16 and Haar-Cascade algorithms for feature extraction, achieving 95.5% accuracy: Supervised by Dr.Mohammad iqbal.
- Utilized Python, TensorFlow, and OpenCV for model development, addressing small dataset challenges with data augmentation techniques over 20 epochs.

Predictive Model for Early Detection of Heart Attack, VIT-AP University, Amaravathi, Andhra Pradesh, India, Feb 2024 to April 2024

- Developed a machine learning-based system for early heart attack prediction using Random Forest and Logistic Regression, analyzing key health indicators (age, blood pressure, cholesterol, chest discomfort) to provide timely alerts and improve patient outcomes; Guided by Dr. Suma Kamalesh.
- Explored Reinforcement Learning (RL) to optimize treatment decisions based on patient conditions and early warning signs, enhancing personalized care and risk management.