Vijay Tarak Jangumalli

Jangareddigudem, Andhra Pradesh, 534447

📞 +91-9949954325 • ✉ vijay.jangumalli@sasi.ac.in • 🔗 LinkedIn • ⬛ GitHub • 🌐 Portfolio

PROFESSIONAL SUMMARY

- Computer Science undergraduate with strong skills in full-stack web development and problem-solving.
- Experienced in building scalable applications using the MERN stack.
- Passionate about developing real-world software solutions and eager to contribute to innovative product development teams.

SKILLS

Languages: C, Python, Java

Web Development: HTML, CSS, JavaScript, MERN Stack (MongoDB, Express.js, React, Node.js)

Databases: SQL, MongoDB

Tools & Platforms: Git, GitHub, Vercel, Render, DevOps Tools

Non-Technical Skills: Teamwork, Leadership, Time Management, Problem-Solving

EXPERIENCE

Product Development Intern, National Institute of Technology   May 2025 – Present

Role - Product Development Intern   *Andhra Pradesh (Remote)*

- Built an AI-driven student chat-bot using the MERN stack with RAG for context-aware responses.
- Integrated Python-based AI_core_service for semantic search and response generation.
- Added a knowledge graph for better concept linking and reasoning.
- Boosted accuracy by 40% through modular design and reusable components.

EDUCATION

Sasi Institute of Technology and Engineering   2022 – 2026

B.Tech - Computer Science and Engineering   *Tadepalligudem, Andhra Pradesh*

Vikas Junior College   2020 – 2022

High School Diploma   *Jangareddygudem, Andhra Pradesh*

Triveni English Medium High School   2019 – 2020

SSC   *Jangareddygudem, Andhra Pradesh*

PROJECTS

Wanderlust - Vacation Rental Platform 🌐   2025

- Developed a full-stack web application for vacation rentals using Node.js, Express.js, EJS, and MongoDB.
- Engineered the application using the MVC (Model-View-Controller) pattern for a scalable and maintainable codebase.
- Implemented secure user authentication and a responsive design for an enhanced user experience.

Time Task Management 🌐   2024

- Created a MERN stack-based tool for task time allocation with real-time pop-up alerts.
- Enhanced productivity through structured time visualization and scheduling features.

HACKATHON PARTICIPATION

National Level Hackathon, SRKR College & Brain O Vision | *2nd Prize Winner*   2025

- Developed a Library Management System using DevOps tools for efficient book cataloging, user management, and automated tracking.

National Level Hackathon, SRKR College & Brain O Vision | *Merit Certificate*   2024

- Built a Time Task Management System using the MERN stack to optimize task scheduling and productivity.

CERTIFICATIONS

- Delta Full Stack Web Development – Apna College

DECLARATION

- I hereby declare that all the information provided above is true to the best of my knowledge.