Naga Prasanthi Vemula

✉ prasanthi.vemula@gmail.com 📞 +91 8978117466 📍 Tadepalligudem, Andhra Pradesh, India in LinkedIn

○ Github 🍴 CodeChef ⌄ Leetcode Ⓗ HackerRank 🔗 Portfolio

🧩 PROFESSIONAL SUMMARY

Full Stack Developer skilled in Java, React.js, Node.js, and MongoDB with experience in building scalable web applications and AI-driven automation. Strong problem-solving, DSA, and collaborative development skills.

🎓 EDUCATION

Bachelor of Technology- Information Technology, Tadepalligudem, India
Sasi Institute Of Technology and Engineering- IV B.Tech 2022-2026
CGPA : 8.92

🧠 SKILLS

CS Fundamentals: DSA, Software Design, Object-Oriented Programming (OOP)

Programming Languages: Java, Python, JavaScript, C

Frontend: HTML, CSS, JavaScript, React.js, Bootstrap

**Backend:** Node.js, Express.js, RESTful APIs, Postman

Databases: SQL, MongoDB

AI/ML Libraries & Frameworks: Pandas, NumPy, TensorFlow

Version Control & Tools: GitHub, Git, VS Code

Soft Skills: Communication Skills, Team collaboration

📑 CERTIFICATIONS

- Certified Test Engineer Course From Infosys Foundation Finishing School for Employablity Program by ICT Academy
- Introduction to Machine Learning, NPTEL(Grade: 65%) 🔗
- Introduction to MongoDB by Mongodb University 🔗
- Certified Oracle Cloud Infrastructure AI Foundations Associate 🔗

📁 PROJECTS

AI Agent with Browser Automation 🔗
Created an AI-powered agent with Python, Playwright, and Gemini API to automate web browsing, perform tasks, and deliver intelligent responses via a custom Web-UI.

Gemini-AI ChatBot 🔗
Built chatbot using React.js, Node.js, and Gemini API, improving response speed by **30%**.
Technologies: React.js, Node.js, Express, and OpenAI/Gemini API for intelligent user interaction

Student Management System 🔗
Developed CRUD app with React, Express, MongoDB, ensuring 40% faster data handling.
Technologies: React.js, Java Script, Express, MongoDB, HTML, CSS, Node.js

🧩 INTERNSHIPS

AI & ML Internship by Excelr 🔗
- Implemented various machine learning algorithms during the AI & ML Internship at Excelr, achieving a 15% improvement in model prediction accuracy.

Cloud Virtual Internship by Eduskills 🔗
- Completed a Cloud Virtual Internship with Eduskills, gaining hands-on experience in cloud computing and automated the deployment process, reducing setup time by 30% and improving workflow efficiency.

🧩 ACTIVITIES

- **Smart India Hackathon(SIH):** Participated in SIH presenting tech-driven glaucoma detection solution.
- **Aerospace Hackathon:** Built 3x3 Rubik's Cube solver with optimized algorithms at Aerospace Hackathon.
- **Competitive Programming Highlights:** Solved **1,200+** problems on CodeChef (highest rating: 1,342) and **210+** problems on LeetCode, strengthening DSA skills.

🧩 STRENGTHS

Self-motivated and proactive, Problem Solving, Efficient in multitasking and managing priorities