

SANGA REDDY TATIPARTHI

sangareddyatiparthi@gmail.com | +91 9381429942 | Andhra Pradesh, India | linkedin.com/in/sangareddyatiparthi | github.com/sangareddyatiparthi

EXECUTIVE SUMMARY

Computer Science and Artificial Intelligence undergraduate with hands-on experience in full-stack web development and AI system integration. Proficient in Python, React, Node.js, Express, and MongoDB, with a focus on building high-performance web applications and RESTful APIs. Demonstrated ability to architect AI-driven tools, integrate multi-service APIs, and lead collaborative technical initiatives. Seeking an Entry-Level Software Development / Full-Stack Engineer role.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL, HTML5, CSS3

Web Technologies & Frameworks: React.js, Node.js, Express.js, RESTful APIs, NumPy

Databases & Developer Tools: MongoDB, MySQL, Git, GitHub, Visual Studio Code, Jupyter Notebook

Core Competencies: Software Development Life Cycle (SDLC), Object-Oriented Programming (OOP), Web Security Basics

PROJECTS

Com-Analyzer – AI Interview Coaching Platform

2024

Tech Stack: React, Node.js, Express, MongoDB, Google Gemini API, AssemblyAI, DeepFace

- Engineered a full-stack, multi-service AI coaching platform to automate candidate speech, emotion, and grammar evaluation.
- Integrated **AssemblyAI** for live audio transcription and **DeepFace** for real-time facial expression and sentiment analysis.
- Orchestrated **Google Gemini LLM** to generate personalized interview questions, real-time feedback reports, and targeted study plans.
- Implemented **LanguageTool API** for automated grammar evaluation, enhancing overall diagnostic accuracy.

Food Donation & Distribution Application

2024

Tech Stack: HTML, CSS, JavaScript, Android Studio, Web Security Tools

- Collaborated with a team of 3 to design and develop an online food donation system featuring real-time cart management and order tracking.
- Utilized web security assessment tools to identify system vulnerabilities, remediate threats, and fortify application defense.
- Integrated an optimized item recommendation workflow, boosting user session engagement by 25%.
- Awarded Top 3 Position** among 30+ competing teams at the Narasaraopeta Engineering College Hackathon 2024.

EDUCATION

Narasaraopeta Engineering College — Andhra Pradesh, India

Aug 2023 – Jul 2026

B.Tech in Computer Science and Engineering (Artificial Intelligence) | **CGPA: 7.15 / 10.0**

Government Polytechnic — Vijayawada, India

Jun 2020 – Mar 2023

Diploma in Electronics and Communication Engineering (SBTET) | **Percentage: 74.82%**

A.P. Residential (Boys) School — Tadikonda, India

Completed Apr 2019

Secondary School Certificate (BSEAP) | **Percentage: 92.00%**

LEADERSHIP & EXTRA-CURRICULAR ACTIVITIES

Branch Coordinator — *Narasaraopeta Engineering College*

- Spearheaded the planning, budget tracking, and execution of college-wide sports events, coordinating across multiple student committees.
- Organized a college-wide Blood Donation Camp in partnership with local health organizations, driving participation from 150+ donors.

Sports Coordinator — *Government Polytechnic, Vijayawada*

- Led a team to manage logistics, scheduling, and player coordination for state-level polytechnic sports meets.

CERTIFICATIONS

- **Python Application Development** – Skill Dzure
- **Cyber Security and Privacy** – NPTEL
- **CS109X: Introduction to Data Science with Python** – HarvardX / Online