G Naga Vamshi

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EDUCATION

Bachelor of Technology in Computer Science and Engineering, Amrita Vishwa Vidyapeetham 2022 – 2026
CGPA **: 9.0** Amravati, India
Positions : **ACM Technical Secretary, Mentor.**

PROFESSIONAL EXPERIENCE

Trainee Intern, AICTE & IBM SkillsBuild ✎ Jan 2025 –
Feb 2025
- **Selected from a competitive pool of applicants** for a 6-week cybersecurity internship
- Built a **Keylogger Detection Tool** ✎ , identifying **95% of unauthorized keystroke tracking attempts** using process monitoring and anomaly detection
- Completed cybersecurity training via **SkillsBuild**, covering system security and ethical hacking.

Data Structures and Algorithms Mentor, Amrita Vishwa Vidyapeetham Jan 2025
- Conducted **DSA mentoring sessions** for peers, focusing on **problem-solving.**
- Helped improve performance in **DSA assessments** and **coding challenges** through targeted guidance and support.

PROJECTS

SignatureSafe, Secure Verification System ✎ Jan 2025
- Achieved **93.6% accuracy** in detecting forged signatures using MobileNet architecture and advanced image processing techniques.
- User-friendly interface allows for quick uploads and instant feedback, ensuring a seamless experience.
- Recognized for its significance in security, with the project accepted for publication by **IEEE**.

TubeTidy : Youtube, Browser Extension ✎ Dec 2024
- Engineered a Chrome extension using JavaScript and **Chrome Extension APIs** to boost productivity by reducing YouTube distractions through effective **DOM manipulation**.
- Features include hiding feeds, comments, **suggestions**, converting **Shorts to regular videos.**
- Used by around **100 users** to enhance focus and avoid Doomscrolling YouTube.

Plan It Pal, AI Itinerary Planner ✎ Oct 2024
- Developed an itinerary generator using React that utilizes **AI**(API) to create personalized travel plans for up to 14 days.
- Effortlessly recommends places and activities based on user preferences and interests.
- Integrated real-time updates and community insights for enhanced travel experiences.

SKILLS

Technical
Proficient in Java and Python, C++, experienced with TensorFlow, Git, Object Oriented Programming, MySQL, NoSQL, Flask, and knowledgeable in Generative AI.

Data Science and AI
Applied machine learning and deep learning using TensorFlow for projects involving Natural Language Processing (NLP) and agentic AI, LangChain.

Soft Skills
Effective communicator; adaptable and quick-thinking; skilled problem solver; strong collaborative team player.

Web Development
Knowledge of HTML, TailWind CSS, JavaScript, React.js, AWS cloud, Node.js, RestAPI, FastAPI.

CERTIFICATES

100 Days of Code: The Complete Python Pro Bootcamp by Dr. Angela Yu ✎

HackerRank Skill Tests
Certified in Python, Java, Problem Solving, MySql and Database Management, Software Development.

ACHIEVEMENTS

Smart India Hackathon - Internal (SIH)
- Led a team of 6 to **1st place** out of 32 teams, Creating a NMF Sign language Translator . ✎

DoAI DSA Contest
- Ranked **7th** among 400+ participants in the Data Structures and Algorithms contest Round. ✎

NPTEL
- Awarded a Silver + **Elite** badge in Data Structures And Algorithms Using Python - **IIT M** Machine learning by **IIT-KGP** . ✎

CodeChef
- Secured Top 3% in the weekly coding contest. (3 Star max) ✎