VENKATA NARENDRA CHINTHAGUNTLA

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Summary   <PortFolio-

Final-year Computer Science Engineering student with a strong foundation in Java, DSA, and full-stack development. Build projects like an AI-powered first aid assistant and a gamified coding platform, demonstrating creativity and execution. Passionate about AI, edtech, and scalable systems; eager to join innovative teams and make meaningful impact through code.

Education

Mohan Babu University | Tirupati, Andhra Pradesh   **CGPA: 8.94***
B. Tech in Computer Science   *2022 – 2026*
Sahithi Jr. College | Giddalur, Andhra Pradesh   **Percentage: 90**
Board of Intermediate Education (XII)   *2020 – 2022*

Experience

Software Development Intern | ISRO - SDSC SHAR   **Mar 2025 - Apr 2025**

- Worked with the Range Operations (RO) team in SCOF to develop an online visit request system and online visit admin – Web Development, Full Stack (HTML, CSS, JS), Database Design, System Integration.

Android Development Intern / Google for Developers   **Oct 2024 – Dec 2024**

- Contributed to the India Edu Program under Google for Developers to develop educational Android applications – Mobile Development, Firebase Integration, UI/UX Design, Real-time Systems.

Space Technology Intern / Agnirva   **Dec 2024 – Feb 2025**

- Assisted in the development and simulation of satellite missions under the Agnirva Space Program – Satellite Modeling, Orbital Mechanics, Mission Architecture, Python-based Tools, Subsystem Design.

Projects

CodeKid Galaxy | Java, HTML/CSS, JavaScript   LINK
• Developed a gamified coding platform for students below 10th grade to teach programming through MCQs.
• Added language and level selection, race car progress tracking, and a rewards system with stars and gifts.
• Designed the experience to make learning fun, engaging, and focused on problem-solving skills.

MediGenie – First Aid AI Assistant | Python, React.js, OpenAI API, Google Speech API   LINK
• Built a generative AI assistant that provides real-time, symptom-based first aid guidance via voice or text.
• Integrated NLP, speech processing, and geolocation to enable hands-free emergency interaction.
• Enhanced accessibility by suggesting nearby hospitals and emergency contacts for faster response.

CubeCrack – Intelligent Rubik's Cube Solver | Python, Streamlit, OpenAI API   LINK
• Developed an AI-powered Rubik's Cube solver that processes user-uploaded cube face images to detect colors and generate solving steps.
• Integrated OpenAI API for intelligent cube state interpretation and step-by-step solution generation.
• Designed a clean, interactive UI with Streamlit to make solving intuitive for beginners and enthusiasts alike.

Skills

Languages: Java (DSA), JavaScript, C#, Python, SQL
Tools: HTML, CSS, React.js, MongoDB, Git, GitHub, VS Code
Domain: Web Dev, Data Structures & Algorithms

Achievements

+ Active member of ISTE (Indian Society for Technical Education), tech talks, and innovation summits to foster technical leadership and collaboration.
+ Consistently ranked in the top 10 of the class throughout the academic tenure.
+ Achieved Google Cloud Certified Associate Cloud Engineer certification.