

Sri Ram Reddy Alla

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EDUCATION

- CMR TECHNICAL CAMPUS** Hyderabad, India
Bachelor of Technology - Computer Science Engineering Oct 2021 – July 2025
Courses: Programming, Data Structures and Algorithms, Operating Systems, Computer Networks, Database Management Systems, Software Engineering, Computer Organization, Compiler Design, Theory of Computation, Artificial Intelligence, Machine Learning, Cloud Computing, Internet of Things, Web Technologies

SKILLS SUMMARY

- **Programming:** C/C++, Python, Java, JavaScript, Bash
- **Web & Backend:** React.js, FastAPI, Flask, Spring, Spring Boot
- **AI / ML:** TensorFlow, scikit-learn, OpenCV, Hugging Face, XAI
- **GenAI & LLMs:** Prompt Engineering, RAG, Embeddings, LangChain, OpenAI / Anthropic / Gemini APIs
- **Systems & Security:** Secure Design, AuthN/AuthZ, SOC Operations, Threat Analysis
- **DevOps, Cloud & Data:** Docker, Kubernetes, CI/CD, Git, AWS, GCP, Azure, SQL, MongoDB, Vector DBs

EXPERIENCE

- **Software Developer Intern** Dec 2025 – Jun 2026
WeLivdIt Private Limited Remote
 - * Developing backend systems and automation workflows using Java, Spring Boot, and MySQL.
 - * Building a scalable mentor–student matching platform, designing RESTful APIs and database schemas.
 - * Automating email notifications and meeting scheduling using AWS services, improving operational efficiency.
 - * Collaborating using Git-based workflows while following industry-standard scalable engineering practices to ensure code quality and timely delivery.
- **Software Engineering Intern** Jan 2024 – Jun 2024
CodeForSuccess Remote
 - * Worked in a production-oriented development environment, contributing to backend features and APIs.
 - * Followed version control, code reviews, and agile workflows aligned with FAANG-level standards.
 - * Collaborated with cross-functional teams to build reliable software components, improving code quality and delivery discipline.

PROJECTS

- **Task Management System (React, Vite, Tailwind, Vercel-2025):** Implemented enterprise-grade security with biometric (fingerprint/passcode) authentication and camera-based verification, reducing unauthorized access by 40% while ensuring seamless employee onboarding. Powered by React, Vite, Tailwind CSS, and modern JavaScript. [GitHub](#)
- **PollyGlot (HTML, CSS, JavaScript, Google Translate API-2025):** Developed a lightweight, frontend-only language translation web app that translates English text into multiple languages with live timer and interactive UI. Integrated Google Translate (unofficial API), emoji flag selection, and glowing UI feedback to enhance user engagement. [GitHub](#)
- **AI-Medical-Chatbot (Python, NLP, AI-2024):** Developed an AI-driven chatbot using NLP and heuristic reasoning to predict infectious diseases from symptoms, achieving 85% accuracy in test scenarios and enabling scalable patient triage. [GitHub](#)
- **Severity of Liver Fibrosis Analysis (Data Science, Jupyter-2024):** Analyzed clinical datasets of chronic HBV patients with serum and physical-layer markers, building predictive models that classified fibrosis severity with 90% accuracy, supporting data-driven medical decisions. [GitHub](#)

CERTIFICATIONS

- **CCNA v7-Networking & Security Track (Cisco, 2024):** Introduction to Networks; Switching, Routing & Wireless; Enterprise Networking, Security & Automation.
- **Programming Essentials in Python (Cisco, 2024):**
- **Google Cloud Platform Career Readiness Program — Data Analyst (Google Cloud):**
- **Oracle Cloud Infrastructure Certifications — AI Foundations, Generative AI, AI Vector Search (Oracle):**
- **Understanding AI (DataCamp, 2025):**
- **Spoken Tutorial Certifications (IIT Bombay, 2023):** C, HTML, PHP, MySQL.
- **TCS CodeVita Season 12 — Global Rank Holder:**

ACHIEVEMENTS & LEADERSHIP

- **TCS CodeVita Season 12 Participant:** Secured **Global Rank 141 / 450,000+** in one of the world's largest coding competitions.
- **Solved 800+ DSA Problems:** Across platforms including LeetCode, CodeChef, and Codeforces, demonstrating algorithmic mastery and problem-solving consistency.
- **Top 5 Finalist — Smart India Hackathon (2023):** Internal edition @ CMR Technical Campus, showcasing collaborative innovation and project execution skills.
- **Executive Member, CodeOholics (Coding Club):** Organized programming workshops, coding contests, and national-level hackathons like “Hack the Verse,” mentoring peers in programming and competitive coding.
- **Executive Member, Luminos Club:** Led student well-being initiatives and value-based development programs, strengthening leadership and team management experience.