

Sai Sri Kumar Lanka

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

Results-driven IT undergraduate with a 9.0 CGPA and expertise in full-stack development (Node.js, MongoDB) and AI integration (Gemini API). Delivered scalable web applications and automated 95% of repetitive tasks through RPA. Seeking to build innovative solutions as a full-stack developer or AI engineer.

Technical Skills

- Languages:** C/C++, Python, Java
- Web Development:** HTML, CSS, JavaScript, Node.js
- Databases:** SQL, MongoDB
- Tools/Frameworks:** Git, GitHub, VS Code, Jupyter Notebook
- Concepts:** Data Structures, OOP, DBMS, REST APIs

Experience

AICTE – Intelligent Automation Intern

Apr 2024 – Jun 2024

- Designed and deployed RPA bots using UiPath, automating 95% of repetitive workflows, reducing turnaround time by 70%.
- Developed scalable automation scripts with process mining, improving task accuracy by 40%.

Skill Dwire – Cybersecurity Intern

Oct 2024 – Dec 2024

- Implemented SSL/TLS-secured communication layers and encrypted file storage, reducing data breach risks by 25%.
- Monitored network traffic using Wireshark and Snort, mitigating 15+ potential threats through proactive log analysis.

Projects

Chciha – AI-Powered Chat Assistant

Jun 2024 – Oct 2024

[Live Demo](#) | HTML, CSS, JavaScript, Node.js, MongoDB, Gemini Flash API

- Built a full-stack AI chatbot with WebSocket for real-time, multi-user interaction, supporting 100+ concurrent users.
- Integrated Gemini Flash API for context-aware responses and designed secure authentication and analytics dashboard.

Portfolio Website

May 2025 – Jun 2025

[Live Demo](#) | HTML, CSS, JavaScript

- Developed a responsive portfolio using CSS Grid/Flexbox, improving page load time by 40% with optimized assets.
- Implemented SEO best practices and lightweight animations for enhanced user experience.

Maze Solving Robot – IoT-Based Project

Jan 2024 – Mar 2024

Arduino, LM35, WiFi Module

- Programmed an autonomous robot using sensor-based pathfinding algorithms for dynamic maze navigation.
- Integrated Wi-Fi telemetry for real-time environmental monitoring and smart decision-making.

Education

R.V.R. & J.C. College of Engineering (Autonomous)

Sep 2022 – Present

Bachelor of Technology in Information Technology

CGPA: 9.00/10

Certifications

- Explore Machine Learning using Python – Infosys Springboard [[Credential](#)]
- Python for Data Science – Infosys Springboard [[Credential](#)]
- Software Testing – NPTEL (Govt. of India) [[Credential](#)]
- Entrepreneurship – NPTEL (Govt. of India) [[Credential](#)]
- AWS Academy Cloud Foundations – Eduskills [[Credential](#)]

Achievements

- 1st Place – GNOME Coding Contest, RVR & JC College (Mar 2025) [[Credential](#)]
- 2nd Place – Intra Departmental Coding Contest (Mar 2025) [[Credential](#)]
- 3rd Place – Intra Departmental Coding Contest (Aug 2024) [[Credential](#)]
- Solved 50+ algorithmic problems on LeetCode ([Profile](#))

Leadership & Involvement

- **Active Member** – IEEE Club and IEEE Computer Society, RVR & JC College
Organized workshops for 50+ students, fostering technical collaboration and skill-sharing.
- **Volunteer** – Astra Tech Event (Nov 2023)
Coordinated logistics for 100+ attendees, enhancing event engagement and execution.