Gowri Vinay Rongala

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PROFESSIONAL SUMMARY

Motivated and detail-oriented System Development Engineer with a strong foundation in networking, Linux system administration, and infrastructure management. Eager to explore new technologies and continuously enhance knowledge in designing, automating, and maintaining reliable and scalable system environments. Demonstrates solid understanding of core networking concepts and system operations, supported by industry certifications and practical internship experience.

EDUCATION

Bachelor of Technology *Aug 2023 – May 2026*
Information Technology, SRKR Engineering College, Bhimavaram, Andhra Pradesh *CGPA: 8.36/10*

Diploma in Computer Engineering *Dec 2020 – Jul 2023*
A.A.N.M & V.V.R.S.R Polytechnic College, Gudlavalleru, Andhra Pradesh *Percentage: 93%*

TECHNICAL SKILLS

- **Networking:** TCP/IP, Subnetting, VLANs, Routing, Switching, OSI Model, IPv4/IPv6

- **Programming:** Python, Java, Bash, C++ (basic)

- **Systems & Tools:** Linux, Git, Cisco Packet Tracer, MySQL, MongoDB, Firebase, VS Code

- **Web Technologies:** HTML5, CSS3, JavaScript, React.js, Tailwind CSS, REST API

PROJECTS

Car Price Prediction Web App
Python, Machine Learning, Streamlit *Self Project*

- Designed and deployed a predictive web application using Lasso Regression to forecast car prices, enhancing decision-making through real-time insights.

Food Delivery Time Prediction
Python, LSTM, Keras, Haversine Formula *Self Project*

- Developed an LSTM-based machine learning model to predict food delivery times, increasing estimation accuracy by incorporating distance and weather factors.

Personal Portfolio Website
React.js, Tailwind CSS, JavaScript *Self Project*

- Created and launched a fully responsive personal portfolio website to showcase professional projects, technical skills, and contact details.

INTERNSHIPS

Cybersecurity Intern – Code Tech Solutions Pvt Ltd *Jun 2025 – Present*
Virtual Internship

- Developed a File Integrity Checker using Python and performed system security assessments on Linux environments to improve data integrity monitoring.

Cybersecurity Virtual Intern – Palo Alto Networks (EduSkills) *Apr 2025 – May 2025*
Virtual Internship

- Completed foundational courses on cybersecurity, cloud security, network operations, and incident response to strengthen security awareness.

Java Full Stack Intern – BlackBucks *Jun 2025 – Present*
Virtual Internship

- Built and deployed a secure web-based login and registration application using Spring Boot, React.js, and MySQL, improving user authentication processes.

CERTIFICATIONS

- Cisco Networking Academy - (ITN)
- Cisco Networking Academy - (ITC)
- Cisco Networking Academy - (SRWE)
- Cisco Networking Academy - (ENSA)
- Palo Alto Networks - Cybersecurity Fundamentals
- Java Fundamentals - EdX
- Python & Django - Udemy
- Java Full Stack Development - EduSkills