

Gowri Vinay Rongala

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linkedin | github | HackerRank | LeetCode | geeksforgeeks | Portfolio

Summary

Highly motivated B.Tech final-year student with a strong foundation in Networking and Java Development. Proficient in Java, SQL, TCP/IP, Network Security, eager to apply skills and gain hands-on experience in dynamic environments

Education

Sagi Ramakrishnam Raju Engineering College

Bhimavaram ,India

Bachelor of Technology in Information Technology

AUG 2023 - 2026

- Pursuing with an 8.32 CGPA.

A. A. N. M. V. V.&. R. S. R. Polytechnic

Gudlavalleru,India

Diploma in Computer Science and Engineering

Dec 2020 - Jun 2023

- Completed with an excellent A+ grade, securing 91.05% overall.

Skills Summary

- **Programming Languages:** Python, Java, Javascript, C
- **Markup Language & Style:** HTML, CSS
- **Machine Learning & AI:** Supervised, Unsupervised Learning
- **Frameworks and Libraries :** Scikit-learn, TensorFlow, NumPy, Pandas, Bootstrap, Django
- **Tools & Networking :** Git, VS Code, Cisco Packet Tracer, TCP/IP, Subnetting, VLANs, Routing, Switching, OSI, IPv4/IPv6
- **Databases:** MySQL, Firebase, MongoDB

Projects

- **Food Delivery Time Prediction** | **GitHub** : Developed an LSTM-based Python model for food delivery time prediction using geospatial distance (Haversine formula) and historical delivery data.
- **Car Price Prediction Web APP** | **GitHub** | **Live Link** : Built a Streamlit-based Python app using Lasso Regression to predict car prices from user-input vehicle details.
- **Web Application Vulnerability Scanner** | **GitHub** : Built a Flask-based Python tool to detect SQL Injection and XSS vulnerabilities via a simple web interface.
- **Advanced Encryption Tool** | **Git Link** : Built a Flask-based AES-256 encryption tool in Python to securely encrypt and decrypt files and text via a responsive web interface.
- **Login Register Authentication** | **Git Link** : Built a secure user authentication system using Spring Boot, MySQL, and BCrypt encryption, with REST API integration for seamless frontend-backend communication.

Intern

- **Cybersecurity Intern** Palo Alto Eduskills JAN 2025-March 2025
Gained knowledge in network security protocols, intrusion detection, and secure access management through real-world cybersecurity tasks.
- **Java Full Stack Intern** Black Bucks Technologies MAY 2025-JUL 2025
Developed a secure user authentication system using Spring Boot, MySQL, and BCrypt encryption, integrating REST APIs for efficient frontend-backend communication.
- **DBaseSolutions** JAN 2023-JUN 2023
Successfully finished 6-months internship focused on data management by using SQL and IT operations.
- **AI Azure Intern** Microsoft Edunet Foundation AICTE MAY 2025-JUN 2025
Gained hands-on experience in building AI solutions on Microsoft Azure using cognitive services and cloud integration.

Certification

Python Essentials | **Cert:-** Proficient in Python fundamentals and problem-solving using the Python Standard Library.

Juniper Cloud E-Learning | **Cert :-** Gained hands-on experience with foundational knowledge in cloud networking, virtualization, and automation.

CCNA Introduction To Networks | **Cert:-** Learned to build and manage core skills in networking concepts, IP addressing, and network configuration.

Java Programming Fundamentals | **Cert :-** Completed edX's verified course 'Java Programming Fundamentals' covering OOP, Java syntax, data structures, and problem-solving.

Sql | **Cert :-** Earned Beginner certification demonstrating competence in data retrieval, joins, and query optimization.