

KALAKOTA VENKAT RAMANA

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 [Linkedin](#) |  [Github](#) | [Leetcode](#) | [HackerRank](#) |

EDUCATION

- **SR University, Warangal, Telangana, India**
 - Bachelor of Technology in Computer Science and Engineering (2022-2026)
 - **GPA: 7.8/10** ([Certificate](#)).
 - **Relevant Coursework:** Design and Analysis of Algorithms, Artificial Intelligence and Machine Learning, Object-Oriented Programming, Data Structures, Operating Systems, Database Management Systems, C, Python, Java

TECHNICAL SKILLS

- **Programming Languages :** Python | Java | C
- **Tools :** Visual Studio Code | Git
- **Web :** HTML | CSS | JavaScript
- **Source and Version Control :** Git | GitHub
- **Database :** MongoDB | MYSQL
- **Other Skills :** Communication | Teamwork

PROJECTS

Selling and Buying Spare and Scrap from customers

- Developed a web-based platform for managing and selling spare parts and scrap materials, including inventory tracking and order processing.

Predicting Fuel Consumption Based on Engine Size

- Developed a machine learning model (Python) predicting fuel consumption from engine size using a CSV dataset, demonstrating proficiency in data analysis and linear regression.

INTERNSHIPS

- **Zero Trust Cloud Security Virtual Internship:**([Certificate](#)).

Gained practical experience implementing Zero Trust security principles in cloud environments, focusing on identity, access management, and micro-segmentation.

Completed hands-on labs and projects involving secure cloud architecture and threat mitigation strategies.

Acquired certification upon completion and collaborated with a professional community to enhance cloud security expertise..

- **AWS cloud:AI-MI Virtual Internship:** ([Certificate](#)).

Developed and deployed machine learning models using AWS tools such as SageMaker, Lambda, and Rekognition.

Completed structured modules and capstone projects simulating real-world AI/ML scenarios.

Earned AWS certification and engaged with global peers and mentors through collaborative forums..

CERTIFICATIONS | ACCOMPLISHMENTS

- **AWS Academy Cloud Foundations:** ([Certificate](#)).
- **Cisco Introduction to Networks:** ([Certificate](#)).
- **AWS Academy Machine Learning Foundations:** ([Certificate](#)).
- **Hackathon:** Achieved top 10 ranking in a campus hackathon by developing an innovative solution within 24 hours. ([Certificate](#)).

ACHIVEMENTS

I've been honored with the Outstanding Academic Achievement and Gamification Excellence Award by SR University, Warangal, and have been placed in the top 10 for the 2024- 2025 academic year! ([Certificate](#)).