

K. Madhura Venkata Rama Krishna

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Objective

Efficient Computer Science Engineer skilled in Java Full Stack, Spring Boot, and scalable web development. Experienced in designing secure and impactful solutions for digital transformation.

Education

- B.TECH, Computer Science Engineering

Usha Rama College of Engineering and Technology, JNTU-Kakinada (2021–2025) | CGPA: 8.88

- 12th Grade (M.P.C Stream)

SASI Jr College(April 2021) | Aggregate: 89%

- 10th Grade

Mother Marcella English Medium High School, Attili (April 2019) | GPA: 8.88

Technical Expertise

- Programming: Java, Python, C, C++

- Frameworks: Spring Boot, Machine Learning (Basics)

- Web Development: HTML, CSS, JavaScript

Tools: Visual Studio Code, Figma (Basics), UI Path Studio

- Databases: MySQL

- Cloud Platforms: AWS

- Office Applications: Microsoft Word, Excel, PowerPoint

Key Projects

- Donation Tracking System

Developed a secure and scalable web application using Java Full Stack and Spring Boot, reducing manual effort by 75%.

- Enabled real-time updates for donors.
- Integrated JWT authentication, secure payment gateways, and cloud hosting via AWS.
- Designed financial reporting and fund allocation tracking modules.

- Library Management System

Built a Python-based system for managing book rentals and student data, improving data accuracy by 50%.

- Hangman Game

Programmed an interactive Python game, showcasing logical problem-solving abilities.

- Web Applications

Designed web pages incorporating features such as a drawing canvas, calculator, and Dino game.

Internships

- AI-ML Virtual Internship, AICTE with AWS Academy (Dec 2022 – Feb 2023)
 - Cybersecurity Virtual Internship, AICTE with Palo Alto (May – July 2023)
 - Full Stack Development Internship, Capable (March – May 2023)
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Workshops

- AWS and DevOps Hackathon, Brain O Vision (July 2023)
 - Prompt Engineering with Machine Learning, Brain O Vision (Sept 2023)
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Details

- Date of Birth: 12 April 2003
- Father: K. Venkata Ramana (Farmer)
- Mother: K. Venkata Lakshmi (Homemaker)

