

Martha Venkata Harish

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Professional Summary

MERN stack full-stack developer experienced in building scalable web applications with optimized backend logic and responsive frontends. Passionate about problem-solving, writing clean code, and continuously learning new technologies to build impactful digital solutions.

Experience

Web Development Intern — UptoSkills

October 2025 — January 2026

- Developed and enhanced platform modules with responsive design and backend integration for the UptoSkills ed-tech platform.

Education

B.Tech in Artificial Intelligence Data Science

2023-2027

SRKR Engineering College, Bhimavaram

CGPA: 8.73 / 10.00

Intermediate (Class XI , XII)

2021 — 2023

Sri Chaitanya Junior College,Vijayawada

Percentage: 94.3

Secondary Education (Class X)

2020-2021

Sri Chaitanya School

Percentage: 100

Projects

Recipe Finder — Recipe Sharing Platform

GitHub

Technologies:React, Express.js, MongoDB, Node.js, BootStrap

- Built a MERN-based web application enabling ingredient- and cuisine-based recipe search with region-wise categorization.
- Implemented secure user authentication, profile management, and recipe creation with step-by-step cooking instructions.
- Designed responsive, user-friendly interfaces and optimized backend APIs for efficient data retrieval and performance.

AQVH — - Quantum Hybrid Optimization Platform

GitHub

- Developed a hybrid optimization system combining classical heuristics with quantum-inspired algorithms using FastAPI and Qiskit to solve Vehicle Routing Problems (VRP).
- Built an interactive React dashboard for route visualization, algorithm benchmarking, and cost analysis through a scalable backend architecture

Technical Skills

Programming Languages: JavaScript(ES6+), Java

Frontend: React Frameworks, HTML, CSS

Backend: Backend Frameworks, REST APIs

Databases: MongoDB

Core Concepts: Data Structures, Algorithms

Tools & Others : Git, GitHub

Achievements

- 3rd Place — DevOps 3-day Flowthon + 24hr Hackathon (February 2025) - Recipe Sharing Platform
- 5th Place — AQVH - Amaravati Quantum Valley Hackathon, Worked on Quantum path planning for delivery vehicles

Certifications

- DevOps 3-day Flowthon + 24hr Hackathon (February 2025) merit and participation certificate
- Python Programming Certification and Network Addressing and basic Troubleshooting by Cisco Networking Academy.
- Introduction to Artificial Intelligence and Deep Learning by Infosys Springboard.