

# MARTHA VENKATA HARISH

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## PROFESSIONAL SUMMARY

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**Aspiring Full-Stack Developer skilled in building responsive and interactive web applications. Proficient in both front-end and back-end development, turning ideas into fully functional digital solutions. Passionate about learning new technologies and keeping up with industry trends. Eager to contribute to innovative projects in collaborative development environments.**

## Education

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|---|------------------------------|---------------------|
| • B.Tech  in Ai and Data Science | SRKR Engineering College     | Pursuing CGPA: 8.73 |
| • Intermediate (Class XI & XII)   | Sri Chaitanya Junior College | Percentage: 94.3%   |
| • Secondary Education (Class X)   | Sri Chaitanya School         | Percentage: 100%    |

## Projects

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### Recipe Sharing Platform

- Developed a web application that enables users to search for recipes based on ingredients and cuisine preferences.
- Implemented user profile management and recipe creation functionality.
- Integrated ingredient-based search, step-by-step cooking instructions, and region-based recipe categorization.
- Technologies: React, Express.js, MongoDB, Node.js, Bootstrap

### Amaravati Quantum Valley Hackathon 2025

- Built a delivery vehicle routing optimizer using **classical (nearest neighbor, GA, SA) and quantum-inspired algorithms (Qiskit)**.
- Developed **FastAPI backend and front-end integration** for a user-friendly logistics solution.
- Secured **5th place**, gaining hands-on experience in **quantum optimization and real-world logistics problems**.

## TECHNICAL SKILLS

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**Frontend Development:** HTML5, CSS3, JavaScript(ES6+), React.js

**Backend Development:** Python, Node.js, Express.js

**Database:** Oracle, MongoDB

**Tools & Platforms:** Git, GitHub, VS Code

**DataScience:** -python (libraries-pandas, NumPy and machine learning).

## Awards

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3rd Place - DevOps 3-days Flowthon+24hrs Hackathon (February 2025) - Recipe Sharing Platform

**5th Place -Amaravati Quantum Valley Hackathon 2025**

## Certificates

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- DevOps 3-day Flowthon + 24hr Hackathon (February 2025) merit and participation certificate.
- 5th Place-Amaravati Quantum Valley Hackathon 2025