

MARTHA VENKATA HARISH

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PROFESSIONAL SUMMARY

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

• 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

Recipe Sharing Platform

- Developed a web applica on that enables users to search for recipes based on ingredients and cuisine preferences.
- Implemented user profile management and recipe crea on func onality.
- Integrated ingredient-based search, step-by-step cooking instruc ons, and region-based recipe categoriza on.
- 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

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

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 par cipa on cer ficate. | • 5th Place-Amaravati Quantum Valley Hackathon 2025 |
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