

VENKATA MAHESH REDDY MARAM

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Professional Summary

Enthusiastic and detail-oriented Full Stack Web Developer with hands-on experience in building scalable web applications and real-world IoT integrations. Strong grasp on MERN and Flask stack, with a passion for problem-solving and competitive programming. Proven ability to collaborate in team settings and deliver projects under deadlines. Seeking opportunities to apply skills and grow in dynamic software development environments.

Skills

- **Languages:** C, C++, Python, JavaScript
- **Web Development:** HTML5, CSS3, Bootstrap, jQuery, Node.js, Express.js, React.js, PHP, Flask, WordPress
- **Databases:** MySQL, MongoDB
- **Tools and Platforms:** Git, GitHub, Postman, RESTful APIs, VS Code, Power BI, Matplotlib

Education

SRM Institute of Science and Technology , Chennai B.Tech in Computer Science and Engineering CGPA: 9.51	2022 – 2026
Oxford Junior College , Andhra Pradesh Board of Intermediate Education Percentage: 89.5%	2020 – 2022
Dr. KKR Gowtham High School , Andhra Pradesh Board of Secondary Education Percentage: 100%	2019 – 2020

Experience

Technical Team Member , Logic Play (College Club) • Collaborated on software tools to enhance club operations and streamline student engagement. • Organized coding contests and hosted interactive tech sessions. • Built and maintained web apps using React, Node.js, Express.js, MySQL, and MongoDB.	Mar 2023 – Apr 2025
IT and Web Developer Intern , Basket Hunt Pvt. Ltd (Remote) • Researched competitor HR tools and improved hiring flow UX. • Developed real-time chat modules using WebSockets and Node.js. • Built scalable backend systems with Express and integrated secure MongoDB storage.	Aug 2023 – Oct 2023

Projects

Hostel Booking System (Flask) Live Demo • Built a complete hostel management system with login, booking, cancellation, and profile modules. • Responsive design with chatbot integration and deployment using Render, UptimeRobot.	Mar 2025 – May 2025
Smart Parking System Live Demo • Enabled multi-vehicle bookings with up to 5 slot selections, dynamic receipt generation. • Designed clean UI/UX and integrated booking with validations and confirmation alerts.	Dec 2024 – Jan 2025
Fractional Knapsack Solver Live Demo	Oct 2024 – Nov 2024

- Solved fractional knapsack algorithm visually with input validation and result breakdown.
- Added localStorage-based authentication for usage continuity.

Smart Waste Management (IoT)

Aug 2024 – Sep 2024

Thinkercad Demo

- Automated lid control using Arduino Uno with motion and ultrasonic sensors.
- Real-time waste status monitoring via LCD, LED indicators, and optimized control logic.

Certifications

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| • IBM – Introduction to Cloud Computing (Coursera) | <i>Oct 2024</i> |
| • Google – Foundations: Data, Data Everywhere (Coursera) | <i>Sep 2024</i> |

Achievements

- Shortlisted for Round-2 of Appizap Hackathon (national-level).
- Participated and developed solutions in SRM Hackathon 8.0.
- Competed in Flipkart Grid 6.0 on Unstop (national software challenge).