

Mahesh Surampally

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LinkedIn | GitHub | Portfolio

Career Objective

To obtain a position where I can utilize my education and skills to contribute to organizational success. Eager to learn, adapt, and grow in a professional setting. Looking forward to building a rewarding career through dedication and hard work.

Education

CMR Engineering College, Hyderabad Bachelor of Technology in Computer Science and Engineering	Sept. 2022 – Present CGPA: 8.80
Bhagyaradhi Junior College, Chintal, Quthbullapur 12th Grade (MPC Stream)	June 2020 – July 2022 Percentage: 86.5
Zilla Parishad High School, Domadugu Secondary Schooling	March 2020 CGPA: 10.0

Technical Skills

Languages: Java

Frontend Development: HTML, CSS, JavaScript, React.js

Backend Development: Node.js, Express.js

Databases: MySQL

Coursework: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPs), Database Management Systems (DBMS), Computer Networks (CN)

Development Tools: Visual Studio Code

Projects

1. Real-Time Video Processing with AWS Kinesis Apr. 2025 – June 2025

AWS Kinesis, EC2, S3, IAM

Developed a cloud-native pipeline for real-time video ingestion, processing, and storage using AWS. The solution integrates Kinesis for stream processing, S3 for durable storage, and EC2 instances for compute power. IAM roles were configured to manage secure access. The system supports analytics for surveillance and IoT camera feeds.

2. Tip Calculator Aug. 2024 – Sept. 2024

HTML, CSS, JavaScript

Created a simple and responsive calculator website for calculating total bills and tips. Users can input the bill amount and choose the tip percentage. It instantly displays the total amount including tip and how much each person should pay if the bill is split. The interface is clean and works smoothly on all screen sizes. This project helped improve my skills in basic logic building, responsive design, and JavaScript DOM manipulation.

3. Hospital Management System Nov. 2023

HTML, CSS, JavaScript

Built a comprehensive system to streamline hospital operations, including patient management, appointment scheduling, and staff coordination. It handles over 500 patient records with efficient data entry and retrieval. The platform is fully responsive and includes staff management modules to track shifts, roles, and contact details.

Certifications

24-Hour Hackathon – Hack the Verse (National Level)

Participated in a 24-hour national hackathon. Built team-based solutions under time pressure, enhancing problem-solving and teamwork.

MERN Stack Web Development – Udemy

Completed full course in PostgreSQL, Express.js, React.js, Node.js. Learned full-stack development and deployment with real-world projects.