

Maruthi Daggu

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Objective

Highly motivated and dedicated B.Tech Computer Science student at SR University with excellent academic record and keen interest in software development and web technologies, seeking an opportunity to secure a challenging and dynamic position in reputable organization to expand my learning, knowledge skills and to contribute efficiently towards company goals. I aim to further develop my professional expertise, collaborate with a diverse team and drive innovation while achieving personal growth and career development.

Education

SR University, Warangal, B.Tech in Computer Science Sept 2023 – May 2026

- GPA: 9.27/10 (currently 4-1)
- **Coursework:** Computer Architecture, Computational Theory, DBMS, AIML, AWS Cloud, Computer Networks, Data Structures and Algorithms, Programming and Problem-solving

Jawaharlal Nehru Government Polytechnic, Ramanthapur, Hyderabad Sept 2020 – Apr 2023

- Diploma in Electrical and Electronics Engineering
- GPA: 8.7/10

Experience

Electrical Engineering Intern, SV Global Services Dec 2023 – May 2024

- Completed internship as part of diploma final year project in electrical engineering domain
- Gained hands-on experience with electrical transformers, including their design, operation, and maintenance
- Learned about transformer testing procedures, fault diagnosis, and repair techniques
- Applied theoretical knowledge of electrical engineering concepts in real-world industrial applications

A.I and M.L Intern, Gustavovalley Technovations Apr 2024 – May 2024

Projects

Solar Water Trash Collector 2023

- Developed as final year project during diploma in Electrical and Electronics Engineering
- Designed and implemented an automated water cleaning system powered by solar energy to collect floating trash and debris
- Integrated solar panels for sustainable power supply and mechanical collection mechanisms for efficient waste removal
- Focused on environmental sustainability and renewable energy applications in water body maintenance

Smart Fence Project 2024

- Developed as part of B.Tech IoT subject project, created an intelligent perimeter security system
- Implemented IoT sensors and connectivity features for real-time monitoring and alert systems
- Integrated smart detection capabilities to identify and respond to security breaches automatically
- Tools Used: IoT sensors, microcontrollers, wireless communication modules

Auto Attendance using Face Recognition

2024

- Developed as part of B.Tech (2-2) AIML subject project, created an automated attendance system using facial recognition technology
- Implemented machine learning algorithms for face detection and recognition to mark student attendance automatically
- Tools Used: Python, OpenCV, Machine Learning algorithms

Movie Ticket Booking System

2024

- As a part of B.Tech (3rd sem) project on web designing, developed an interface for booking online tickets for movies and to gather information about movies and theatres
- Tools Used: HTML, CSS, JavaScript

Technologies

Languages: C++, C, Java, Python, JavaScript

Technologies: MySQL, HTML, CSS, PHP, JavaScript, OpenCV **Tools &**

IDEs: VS Code, PyCharm, Eclipse, Git, GitHub

Certifications

- **NPTEL:** Theory of Computation
- **Coursera:** Data Structures in C++, MongoDB
- **Edx:** Introduction to Microcontroller