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)

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| **Jawaharlal Nehru Government Polytechnic**, Ramanthapur, Hyderabad   * Diploma in Electrical and Electronics Engineering * GPA: 8.7/10 **Experience** | Sept 2020 – Apr 2023 |
| **Electrical Engineering Intern**, SV Global Services | Dec 2023 – May 2024 |

* **Coursework:** Computer Architecture, Computational Theory, DBMS, AIML, AWS Cloud, Computer Networks, Data Structures and Algorithms, Programming and Problem-solving
* 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**, Gustovalley 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