

# YAGESWAR A

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## PROFILE

A passionate and results-oriented engineer with a strong background in designing, developing, and deploying scalable applications. Skilled in problem-solving, and working in fast-paced, collaborative environments. Adapt at leveraging modern technologies and best practices to deliver high-quality software solutions.

## PROFESSIONAL EXPERIENCE

### Internship at Steel Authority of Pvt Ltd.

06/2024 – 06/2024

#### Implant Trainer

- As an Implant Trainer Intern, I was responsible for assisting in the training and development of junior technicians and trainees in steel manufacturing processes.
- I provided hands-on guidance in the operation and maintenance of industrial machinery, ensuring adherence to safety protocols and operational standards.
- My role also involved supporting troubleshooting efforts, implementing process improvements, and contributing to the overall success of the training program.

### Reverse Engineering

08/2022 – 08/2022

#### Team Lead

- As the Team Lead for reverse engineering, I guide a team in analyzing and deconstructing existing systems, products, or software to understand their functionality and design.
- I coordinate efforts to extract critical insights, identify design flaws or areas for improvement, and document system specifications.
- My role involves managing the workflow, assigning tasks, and ensuring the team uses advanced tools and methodologies to achieve accurate results.
- I collaborate closely with cross-functional teams, offering technical guidance, and ensuring adherence to project timelines.

### Dirt-Bike Competition

05/2022 – 05/2022

#### Fabrication Head

- I am responsible for overseeing the entire fabrication process, ensuring high-quality production, and leading a team of engineers, technicians, and workers.
- We collaborate with design and engineering teams to interpret blueprints and specifications, allocate resources, and manage production schedules.
- My role involves maintaining safety standards, optimizing workflow efficiency, troubleshooting issues, and ensuring that projects are completed on time and within budget.

## EDUCATION

### Bachelor Of Engineering

2021 – 2025

Sri Krishna College of Engineering and Technology

Coimbatore

CGPA : 7.8

### Higher Secondary

2020 – 2021

Skv Vidhyaashram Sr Sec School

Tiruchengode

Percentage : 89%

### Secondary School

2018 – 2019

Skv Vidhyaashram Sr Sec School

Tiruchengode

Percentage : 90.8%

## SKILLS

Team Leadership

Project Management

Problem Solving and Analytical Thinking

MS Excel

## PROJECTS

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### Socio Tech Hackathon

01/2024 – 01/2024

#### *Automatic Car Parking System*

- I coordinated with team members to design the system architecture, which involved integrating sensors, microcontrollers, and software algorithms for efficient parking management.
- My responsibilities included task delegation, code development, and ensuring real-time communication between hardware and software components.
- I also oversaw the implementation of automation logic for detecting vehicle presence, assigning parking spots, and optimizing space usage.
- My role required collaboration, technical problem-solving, and meeting tight deadlines in a competitive environment.

### Plant Monitoring System through Blynk IOT

- As the lead in this project, I spearheaded the development of an IoT-based plant monitoring system using the Blynk platform.
- I was responsible for overseeing the integration of sensors (for humidity, temperature, and soil moisture) with microcontrollers to gather real-time data.
- My role included designing the system's architecture, developing communication protocols, and setting up the Blynk dashboard for remote monitoring and control.

### GPS Tracker for Women Safety

- I led the team in developing a GPS-based tracking system aimed at enhancing women's safety.
- I was responsible for designing the system architecture, which included integrating GPS modules, microcontrollers, and communication interfaces like GSM or Wi-Fi for real-time location tracking.
- My leadership involved task management, problem-solving, and ensuring that the system met critical performance and reliability standards.

## DECLARATION

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The information furnished above is correct to the best of my knowledge.

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