

SHACHIN SURIYA M

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LINKEDIN PROFILE

SUMMARY

As a mechanical engineering student passionate about software development, I excel in robotics and automation, blending mechanical knowledge with coding skills. I participate in hackathons to refine my abilities and seek mentors to bridge the gap between mechanical and software engineering, aiming to design cutting-edge software for industrial automation.

EDUCATION

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

Bachelor's Degree in Mechanical Engineering
2022 – 2026

MALCO VIDYALAYAM MHSS

HIGH SCHOOL
2008– 2022

SKILLS

SOFTWARE

- Object Oriented Programming
- Java, C++, Python
- Data Structures
- Advanced C Programming
- Machine Learning
- HTML,CSS

HARDWARE

- Fusion 360°, Solid Edge
- Microcontrollers (Arduino, Raspberry Pi)

WORK ENVIRONMENT

- Visual Studio
- Linux Terminal
- Oracle Virtual Machine

LANGUAGES

- ENGLISH
- TAMIL

WORK EXPERIENCE

Internship trainee

JSW STEEL LTD | JULY 2024 (1 MONTH)

- Worked on properties of metals and learned a lot about the process of design that involves in prototyping.
- Gained overall understanding about the workspace and environment on the company

PROJECT

INSTRUCTA: An Intelligent Learning Assistant

- Worked on voice assistant speech recognition and embedment of the project
- The whole project is run on raspberry Pi os enviroment
- Gained overall understanding about Machine Learning ,API and virtual network connector(VNC)

PARTICIPATIONS

- **Active Community Engagement:** Enthusiastically participate in a tech community, assisting peers with challenges and learning from collaborative experiences.
- **Event Contribution:** Volunteered at MExplode 2024, playing a key role in the event's success by assisting in various capacities, engaging with attendees, and fostering valuable professional connections.