

AMUJURU SHYAM VENKAT SAI

Gmail: amujurushyam@gmail.com , Mobile No: +91-9052814101

LinkedIn: <https://www.linkedin.com/in/amujuru-shyam-venkat-sai-450501241/>

GitHub: <https://github.com/amujurushyam>

PROFILE SUMMARY:

Researching and developing new engineering projects and ideas. Conducting tests and experiments on engineering projects. Performing maintenance tasks on engineering equipment. Attending meetings and taking notes on engineering projects. Enthusiastic and quick-learning recent graduate with a solid background in Engineering. Proficient in Html, CSS, Python, JavaScript and experienced in hands-on projects that developed problem-solving skills. Strong team player with excellent adaptability and organizational abilities. Driven to contribute effectively to team goals while continuously growing professionally. Eager to bring a fresh perspective to a dynamic role.

INTERNSHIPS

Python Programming Intern at Motion Cut by AICTE

Dec 2023 – Jan 2024

- Done weekly tasks given by motion cut.
- Collaborated with cross-functional teams to gather requirements, extract actionable insights, and contribute to process improvement.

Virtual Internship on AI-ML by AICTE

July 2022 – Sep 2022

- This is a two-phase course comprising of CLOUD FOUNDATIONS and MACHINE LEARNING.
- Cloud Foundations is intended for students who seek an overall understanding of cloud computing concepts, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS core services, security, architecture, pricing, and support.
- Machine learning is the use and development of computer systems that can learn and adapt without following explicit instructions, by using algorithms and statistical models to analyse and draw inferences from patterns in data.

Internship on Modification of Water Jacket on Roller Table in SMS-1

June 2023 - July 2023

- Analyse Cooling Efficiency: Evaluate the current water flow rate, pressure, and distribution across the roller table to see if it meets the cooling requirements for the temperatures encountered in SMS-1.
- Enhanced Flow Channels: Consider modifying the internal channels to improve water flow, increase cooling area, or optimize the cooling rate.
- CFD (Computational Fluid Dynamics) Simulations: Use CFD simulations to predict how changes in jacket design will affect cooling efficiency, water flow, and heat dissipation.

TECHNICAL SKILLS

- **Programming languages:** JavaScript, Python.
- **Tools:** GitHub, VS code.
- **Frameworks:** Bootstrap.
- **Web Technologies:** Html, CSS
- **Designing Software's:** AutoCAD, CATIA, ANSYS, Mastercam.

PROJECTS

Meal-Match

The project aims to utilize Meal-Match where user can search meal using ingredients. We can browse the meal items by using categories which are present in this website. User will have a good UI experience. I developed this website using Html, CSS, Bootstrap and JavaScript, and this page is a responsive page.

Dynamic-Calculator

A simple and functional dynamic calculator built using HTML, CSS, and JavaScript. The calculator can perform basic arithmetic operations such as addition, subtraction, multiplication, and division. It includes a clean and intuitive user interface with buttons for numbers, operators, and a display for showing the result.

Features:

EDUCATION

Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam-48.

2020 - 2024

Mechanical Engineering

CGPA – 6.91/10

SOFT SKILLS

Communication, flexibility, Problem-solving, Adaptability, Presentation skills.

CERTIFICATIONS

- Core and Advanced Python Programming in Motion cut.
- Internship Completion Certificate by AICTE.