

CHAKALI MADHU SEKHAR

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About Me

Enthusiastic and detail-oriented Engineering graduate with passionate about leveraging technology for positive change. I seek a challenging role in a professional environment, utilizing my skills, strong work ethic, and willingness to take on new responsibilities to contribute to the success of the company.

TECHINICAL SKILLS

Languages : Python, HTML, CSS, JavaScript

Framework : Bootstrap, React JS

Database : SSMS, MySQL

Tools: VS Code, Jupyter Notebook, PowerBi, Git, GitHub

Libraries: Numpy, Pandas, Matplotlib

SOFT SKILLS

Languages : Telugu, English

Others: Quick Learner, Adaptive, Problem Solving Skills, Teamwork and collaborative

EDUCATION

Santhiram Engineering College	Nandyala, Andhra Pradesh
Bachelor of Technology with 6.5 CGPA	2018-2023
Mechanical Engineering	
The Nandyal Junior College	Nandyala, Andhra Pradesh
Board of Intermediate Education	2016-2018
Percentage - 81%	
ZPHSchool, RS Rangapuram	RS Rangapuram, Andhra Pradesh
Board of Secondary Education with 8.8 CGPA	2015-2016

CERTIFICATIONS

- Python Fullstack certificate from Mindx Solutions, Bengaluru.
- Automotive Part Modeling Using CATIA. One week workshop Organized by Department of Mechanical Engineering, Santhiram Engineering College.

PROJECTS

Academic Project: Design and Fabrication of Staircase Climbing Trolley Designed and fabricated a mechanical trolley with Tri-Star wheel mechanism to climb stairs with reduced human effort. Developed a stable, cost-effective frame capable of carrying heavy loads across uneven surfaces and staircases.

Roles: - Conducted research and analysis on different stair-climbing mechanism, and documentation.

Personal Portfolio Website :

Technologies used: - HTML, CSS, JavaScript, Django.

Developed a responsive personal portfolio website using Django(python) as the backend framework. Implemented modular templates Django extends and includes for reusable UI components. Built sections for About, Skills, Projects, and Contact with dynamic content rendering.

Weather Application:

Technologies used:- HTML, CSS, JavaScript, openweathermap API

Developed a responsive weather application and deployed github pages

<https://madhu1477348.github.io/Weather-App/>