

GODUKONDA DEEPAK KUMAR

Hyderabad, Telangana

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EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology

B.Tech Mechanical engineering - 7.1 -

2019 – 2023

Hyderabad, India

Narayana Junior College

Intermediate - Science - 86.1 -

2017 – 2019

Hyderabad, India

Key Skills

- HTML
- CSS
- Java Script
- NX Siemens
- Catia
- Auto cad
- Microsoft Office Suite (Excel, Word, PowerPoint)
- C Language
- Power BI

PROJECTS

Experimentation on AA6082 using friction stir welding | Friction stir welding, autocad

2023

- The study aims to develop a lightweight, high-strength material using AA6082 T6 aluminum alloy, selected for its excellent strength-to-weight ratio and weldability. .
- Optimize welding parameters (rotational speed, welding speed, and axial force) and design suitable tool geometries (pin profile, shoulder diameter, tool material) to achieve optimal welding conditions. .
- Determine mechanical properties (tensile strength, yield strength, elongation, hardness) and conduct microstructural analysis (optical microscopy, SEM) to assess the impact of FSW parameters and tool geometry on material properties. .

Created a website for Travel Website and Portfolio | Front End Developer

2022

- Designed and developed a responsive travel website and portfolio using HTML, JavaScript, and CSS, ensuring compatibility across various devices and browsers. The design emphasized user-friendly navigation, engaging visual elements, and a cohesive layout to enhance user experience.
- Utilized HTML for structuring content, CSS for styling and layout, and JavaScript for interactive elements and functionality. Implemented features such as image galleries, interactive maps, and dynamic content updates to create an engaging and interactive platform for users.
- Implemented responsive design and interactive features, including a contact form with validation. Demonstrated expertise in front-end development and user experience.

Experiences

Swan Turbine Services Pvt Ltd

2022

Intern

Hyderabad, India

- Developed detailed reports and presentations to track project progress and milestones, incorporating data analysis and performance metrics to support decision-making and strategic planning for stakeholders.
- Created precise cost estimates for materials, labor, and equipment by analyzing market trends, evaluating supplier quotes, and reviewing project specifications, ensuring effective budgeting and cost control.
- Coordinated with engineering, procurement, and quality assurance departments to ensure smooth project execution, resolve issues, and maintain compliance with industry standards and company policies.

Coursework Skills

- Documentation
- Research
- Content Writing
- Data Analysis
- Presentation Skills
- Project Management
- Technical Writing
- Networking

Certifications

- Study of Ansys software-Invok solutions
- Autonomous Vehicles - proficiency course
- Web development - Udemy