THANGALLAPALLY SAI NITHIN

Masters in Marketing and B Tech in Mechanical Engineering.

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Education			
Coures	**Institute**	**CGPA / %**	**Year**
Post Graduation (MBA) + Graduation (B.tech) (5 years- IDP)	JNTUH University College of Engineering Hyderabad	8.26*	2023 (expected)
TSBIE (Intermediate)	Sri Sanjeevani Junior College, Hyderabad	95.8%	2018
SSC (Matriculation)	JSM high School, warangal	9.7	2016

Projects

SELF PROJECTS:
DATA ANALYSIS AND VISUALISATION OF GROWTH IN UNICORN COMPANIES
[10/04/2022]
- Collected and cleaned data using MS EXCEL.
- Database creation, analysis and retrieval using MySQL software.
- Data visualization using PowerBI.

WEB PORTFOLIO PROJECT [May – 2022]
- Developed a website with HTML, CSS, JS and version control using Git.
- This website includes a collection of **5 Different Minor Projects .**
- Hosted the site using Github with a domain name of **sainithin.co.in**.

ACADEMIC PROJECTS:
PERFORMANCE AND EMISSION ANALYSIS OF DIESEL ENGINE USING CANOLA OIL BLENDS - Under the guidance of Prof. Dr. E.Ramjee [In Progress]
- Trans-esterified raw canola oil to convert it into a biodiesel.
- Experimentally determined the properties of canola oil.
- compared the performance and emission of canola oil in CI engine with commercial diesel.

STUDY OF TURBINES & IT'S AUXILIARIES AND ANALYSIS OF HEAT BALANCE DIAGRAMS [13/10/2021 to 27/10/2021**]**
- Studied the set-up, working and maintenance of turbines at Kakathiya Thermal Power Plant, Chelpur, Warangal.
- Had an overview of working and operation of various departments in power plant. Explored the economics side of the plant operation.
- Analysed the Heat balance diagrams for 15 different operational conditions of the plant.

Skills

COMPUTER SKILLS AND TOOLS:

- **Programming Languages:**, Java (Object Oriented Programming, DSA), Python
- **Web Development:** HTML5, CSS3.
- **Data Analytics:** MySQL, SQL Server, Excel, PowerBI, SPSS.
- **Frameworks and Libraries**: Bootstrap. JQuery.
- **IDE's & Other Applications**: Atom, IntelliJ, Canva, Adobe Illustrator, CAD, CAM, Adobe Premiere Pro
- **Version Controls**: GIT

Key Courses

Academics :
- **Marketing:** Project Management, Marketing Management, Sales & Distribution Management, Service Management, Integrated Marketing Communication, Research Methodologies and basics of Human Resources Management.
- **Engineering Mathematics.**
- **Mechanical Engineering:** Operations & Management, Production Management, Thermal Engineering, Power Plant Engineering, Designing of Machine Elements, Mechanics, Fluid Mechanics.

Others :
- **Java Programming Masterclass covering Java 11 & Java 17** created by Tim Buchalka and offered by UDEMY.
- **Google Data Analytics Professional Certificate course** Offered by COURSERA.
- **The Complete 2022 Web Development Bootcamp** created by Angela Yu and offered by UDEMY.

General Information

- I write articles on [Medium](#).
- **LANGUAGES KNOWN:** Telugu, Hindi & English
- **PERSONAL INTERESTS:** Graphic Designing, Badminton, Movies.