SAIFUDDIN SHAIK

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**EDUCATION**

Annamacharya Institute of Technology and Sciences, Tirupati Tirupati,

Bachelor of Technology in Mechanical Engineering (CGPA-6.9) 2017-2023

Narayana junior college, kavali Nellore Dst,

Higher Education, 12th (GPA- 84%) 2014-2016

**PROJECTS**

[**Portfolio project**](https://fastidious-crumble-d485e2.netlify.app): <https://fastidious-crumble-d485e2.netlify.app>

ReactJS Portfolio website using Tailwind CSS- Build & Deploy:

My Portfolio website is build using ReactJS and Tailwind CSS frameworks and deploying it to server. This portfolio is built using lot of amazing things including tailwind, smooth scroll, adding social icons, custom fonts, gradient background and responsive design. Netlify for deploying this project and tailwind for our CSS instead custom CSS.

**Academic Project**:

Centrifugal pump:

A successful design of centrifugal pump to improve efficiency of flow with the help of CFD simulation by using ANSYS Software

Conclusion:

* Experimental methods and past experience are undoubtedly important, but the most effective way to study pump performance is through Computational Fluid Dynamics (CFD).
* It is found that the design and analysis methods lead to completely very good flow field predictions. In this way, the design can be optimized to give reduced energy consumption, lower head loss, prolonged component life and better flexibility of the system.

**EXPERIENCE**

**Academic Experience:**

I successfully completed my academic project by the acceptance of the professors where my project is been *scored 163 out of 200 marks*. I learn ANSYS software to use CFD tools to build and design the centrifugal pump project successfully.

**Internships**:

Mechanical Internship:

Zibo Xinxu: Haridwar,2022

* I completed my three months internship in this company in the year 2022 from May to July.
* I worked on paste filling machine where I learn filling the paste in positive plate. And also, I learn operating of automatic positive plate making machine.
* Everything I learned in this company is helpful for making and working of batteries like automobile batteries.

Software Internship:

Asti tech solutions: bangalore,2023

I completed my six months internship by learning complete web development course, where I learn lot of software technologies like python, Django, react, JS, html, CSS. Where I use these technologies to built real time live working websites.

**SKILLS**

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| * MECHANICAL TOOLS | Design | Skills: Cad, Catia, Auto Cad, Ansys, CFD |
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| * SOFTWARE TOOLS | Programming, web development | Skills: python, Django, react, JS, Html,  Frontend: JavaScript, ReactJS, Tailwind CSS.  Database: Postgres SQL  Backend: Django, RESTful API’s, ORM, Postman |
| * OTHER TOOLS | Automobile, system applications | Skills: motor Engine, Ms Excel, Ms Word |

**DECLARATION**

I hereby declare that above particulars of information and facts stated are true, correct complete to my best of my knowledge and belief.

**REFERENCE**

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