Pranav Zagade

BE - Batch 2022

CONTACT ME

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EDUCATION

Bachelor of Engineering (B.E), Mechanical Engineering

Dr. D. Y. Patil Institute of Technology, Pimpri,
CGPA: 9.49
2018 - 2022

Senior Secondary (XII), Science
MAHARASHTRA STATE BOARD
Percentage: 85.23%
2016 - 2018

Secondary (X)
MAHARASHTRA STATE BOARD
Percentage: 90.20%
Year of Completion: 2016

SKILLS

Frontend
HTML, CSS, JavaScript

Frontend Framework
Angular

Backend and DB
NodeJS, MongoDB

Mechanical CAD Tools
Catia, Solidworks, Ansys

Problem Solving

Leadership Experience, Communication skills

WORK EXPERIENCE

Trainings -

1. Full Stack Development
HTML, CSS, JavaScript, Angular, NodeJS, MongoDB
Complete training on MEAN stack development. Created Projects using HTML, CSS, JS in frontend and also using Angular as a frontend framework for building SPA (Single Page Application). Also did project with NodeJS as backend and MongoDB non-relational database

Mechanical -

a. Brake System Design and Safe T
Automotive Research Association of India (ARAI)

b. CAD-CAM Tools
Internshala

Projects -

1.MEAN Stack Ecommerce Web App
Built an e-commerce shopping website using Angular, a JavaScript-based frontend framework, specifically used for creating a SPA (Single Page Application). The backend is built using NodeJS and c MongoDB as a database.

2.Mahindra SAE Baja 2020
Made and Off-road All Terrain Vehicle to compete in National Level Competition Baja SAE (Society of Automotive Engineers) organized by Mahindra and hold title of second fastest ATV of India in acceleration event.

3.SAE Go-Green Event 2020
In Go-Green Event 2020, built a working Catalytic Converter with main objective to reduce cold start emissions by using cheaper non noble elements. And secured All India Rank 3.

4.Design and Fabrication of automated mechanism for wheel attachment and Detachment.
- Applied for patent

Mechanical Internships -

1. Model-Based Design Intern (Decibels Lab, Virtual)
Worked on Scilab Xcos simulation software on the following projects during the tenure Numerical modelling and simulation of Vehicle Resistive Forces acting on vehicles, Spring Mass Damper System, SOC of NiMh Battery, Thermal Modelling of House.

2. Automotive Product Design and Analysis Internship (Expertshub, Pune)
Role - Project Lead and CFD Analysis We were assigned a project to design and analyse an IC Engine Cylinder block. We came up with a solution to develop a prototype using CATIA, ANSYS & CFD Tools.

Hobbies - **Passionate about Sports and Workout, Trekking, Cycling**

Declaration - I sincerely declare that the information in the resume is true to the best of my knowledge and belief