



Shevani Suresh

Profile

Dedicated and experienced Mechanical Engineer with extensive knowledge of engineering principles, theories, specifications, and standards. Substantial experience in analyzing problems and offering suitable solutions for them. Bringing forth an in-depth understanding in designing of elements and strong technical abilities relating to working with the machines used during production. I aim to utilize my expertise to create sustainable technologies that enhance people's life and have a positive societal impact.

Education

BE, Mechanical engineering, College of engineering, Guindy, Chennai

NOVEMBER 2022 – JULY 2024

GPA 8.2/10

Projects - "Hydraulic peck driller" Designed and programmed a peck drilling machine for automated drilling tasks using Arduino and MATLAB.

Certifications - Certified SolidWorks Associate (CSWA), CEG-AUFRG

Internships

assistant technician , Chennai

- Got hands-on experience with engineering tools and software.
- Learnt about manufacturing processes and quality control techniques.
- Understood the principles of automotive design and innovation.
- Improved my project management skills by working on real-world projects.
- Enhanced my communication skills by interacting with professionals and team members.
- Developed my teamwork and collaboration skills by working in cross-functional teams.
- Learned about the challenges and opportunities in commercial vehicle manufacturing.

Courses

computer aided design (SOLIDWORKS,CATIA,AUTOCAD)

Simulation and analysis (MATLAB,ANSYS)

Programming and data analysis (PYTHON,MACHINE LEARNING)

Extra-curricular activities

BAJA SAE INDIA , Active member

I'm a senior Rollcage vertical member in CEG MOTORSPORTS, an official club of CEG. Here a group of college students join together to use their subject knowledge to build a real life ATV, starting from procuring the raw materials and selecting suitable manufacturing process, machining, welding and forming a prototype, followed by the original vehicle then finally testing for failures and taking it to the event.

Details

Chennai

India

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Links

LinkedIn

Skills

Fast Learner

Ability to Work in a Team

Computer Skills

Communication Skills

Ability to Multitask