Mr. Akshay Rajendra Pacharne

Phone: +91-8554095455

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CAREER OBJECTIVE: -

Looking forward to work in an elite organization where my technical and logical skills can be put to contribute directly benefit the establishment and which will also help me to explore myself fully and realize my potential.

Total Experience: (4 Year 10 Month)

➢ Currently Working as **CAE ANALYST** with **TECH MAHINDRA LIMITED, PUNE** from **March 2022 - till date. (2 Year 5 month).**

➢ Previously worked a s **CAE ANALYST** with **RHEOMOLD ENGINEERING SOLUTION, PUNE** from **Octo 2019 – March 2022 (2 Year 5 Month).**

PROFESSIONAL OVERVIEW: -
➢ **A CAE Analyst** with 4 year 10 months of experience
➢ Good knowledge about Finite Element Analysis, Strength of Materials
➢ Experience in Modeling and Analysis, Good hand on Shell, Tetra, Hex meshing and performed **Modal Analysis, Frequency response Analysis, Linear and Non-linear Static Analysis, Crash Analysis, Door Hardness Test**

SOFTWARE SKILLS: -

FEA Software
➢ Pre-Processor**: Hypermesh, Simlab**
➢ Solvers: **Optistruct, Ls Dyna**
➢ Postprocessor: **Hyperview**

ACADEMIC QUALIFICATIONS: -

Education	Year of Passing	School/College	University/Board	Percentage
MTech (CAD/CAM)	2021	G.H. Raisoni College of Engineering and Management, Pune	Savitribai Phule Pune University	CGPA 8.65
B.E (Mechanical)	2017	Smt. Kashibai Navale College of Engineering, Pune	Savitribai Phule Pune University	72.17
H.S.C.	2013	Vidyadham Junior College of Science, Shirur	Maharashtra State Board	83.67

ACHIEVEMENTS: -
➢ Gate score in Feb-2018 exam is 494 out of 1000.

RESPONSIBILITIES AS A CAE ANALYST:

- Review the input data received by customer and prepare estimation timeline required to perform the analysis
- Mesh modal building and assembly as per customer requirement
- Prepare model as per LSDYNA and Optistruct connections, materials, contacts, control cards as per analysis requirement
- Evaluate the results and prepare the presentation
- Managing the project data properly for future purpose

CAE MESHING PROJECTS:

1) **Mesh for Seating System Assembly** (Foams, wires, plastic parts and structure)
2) **Mesh for Door and Instrumental Panel Assembly**
3) **Mesh for HVAC Assembly, Battery Cooler, E-compressor, PCB**
4) **Mold flow Mesh** for automotive parts

CAE ANALYSIS PROJECTS:

Solver- Optistruct

1) **Modal Analysis** of HVAC, Battery Cooler, E-Compressor, PCB
2) **Linear Static Analysis** of Battery Cooler, E-Compressor
3) **Nonlinear Static Analysis** of Battery Cooler, E-Compressor
4) **Frequency Response Analysis** of Motor, Brackets, E-Compressor
5) **Random Response Analysis** of Motor, Brackets, E-Compressor

Solver- LS DYNA

1) **Frontal Crash Analysis** on Frame of material handling vehicle
2) **Door Hardness Test**
3) **Crash Analysis of** frame of a car

PERSONAL DETAILS:

DOB   :   29/06/1995

Permanent Address   :   At/post- Palave Khurd, Tal- Parner, Dist- Ahmednagar

Languages known   :   English, Marathi, Hindi

I request you to give me an opportunity to serve in your esteemed organization in the capacity mentioned above for which act of kindness I shall be grateful to you.

Thanks, and regards...

(Akshay Pacharne)