



ARAVIND S

CAE ANALYST

CONTACT

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LANGUAGES

ENGLISH - speaking, reading

TAMIL – Native language

ACHIEVEMENTS

- Awarded with BEST ACHIEVER for two times in client location.
- Anna university rank holder (4th rank)

SKILLS

- Product development
- Client Relationship Management
- Process improvement
- Analysing skills
- Documentation control
- Problem solving skills
- Change Management

PROJECTS

- Mahindra E- Baja SAE India 2018** – Design and fabrication of electric ATV.
- Academic project**- Study of performance and emission test of alternative fuels vs petrol in SI engine.

HOBBY

- Chess
- Reading manga
- Football

PROFILE

CAE Analyst bringing 3 years of experience providing design direction and resolving product issues based on results obtained from CAE analysis. Proficient in ANSA & HYPERMESH paired with expertise in developing numerical tools such as scripts and subroutine for CAE pre and post-processing. Logical and hardworking professional possessing strong fundamental knowledge of vibration theory and finite element method.

PROFESSIONAL

CAE ANALYST

SATYAM VENTURE ENGINEERING SERVICES, OCT 2018 - Present

- Worked for an Automotive OEM in NVH and Durability department as a CAE Engineer having 3 years of work experience.
- Experienced in sheet metal (upperbody and underbody), plastics (Front and rear fascia, HVAC, Wiper assembly and other subsystems) & solid Hexa and Tetra meshing for other automobile components & assemblies in ANSA.
- Worked in closures, BIP & other sub-assembly connections.
- Worked in de-penetration of BIP, Closures and other subsystem assemblies.
- Have delivered subsystem models (front and rear fascia) along with connections and materials assigned.
- Have worked in dyna and abacus conversion of subsystem models.
- Hands on experience to run modal analysis and debug issue present in the model with relevant report.
- Involved in material and thickness update as per BOM and legacy models and assigning Material ID and maintaining tree structure for different assemblies.
- Produced CAE work plans and assign resources appropriately to streamline project efficiency and deliverables.
- Maintaining database of regular design change in CAE models using PLM software.

EDUCATION

Bachelor of Engineering – Automobile Engineer

Rajalakshmi Engineering College - 2014 – 2018
Chennai

TOOLS AND METHODOLOGIES

ANSA	● ● ● ● ●
HYPERMESH	● ● ● ● ●
CATIA	● ● ● ● ●
GD & T	● ● ● ● ●
FEA	● ● ● ● ●