

Rumesh Karthick. V

Mechanical Engineer

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"I am an individual who is driven, possesses excellent work ethics, and has good leadership qualities, with strong organizational and teamwork abilities, as well as expertise in process improvement. I am seeking challenging opportunities where I can fully utilize my skills for the success of the organization."

Experience

● Design Engineer Trainee at Unique Measurement Services, Chennai

- Design and Development of the Mechanical Calibration Machines for the Large scale Quality Inspection systems.
- Manufacturing Drawings with the GD&T, Fits & Tolerance.
- Reverse Engineering, (DFMA) Design for Manufacturing and Assembly.
- Preparation of Bill of Materials , Partlist & Accessories List
- Creating Technical Manuals.
- Skilled in developing precise sheet metal designs, optimizing for manufacturing process and Material Efficiency.

● Design Engineer Intern at CADD India Research & Development , Chennai

- Utilized SolidWorks to create detailed 3D models and 2D drawings for various Mechanical Components.
- Knowledge of advanced features in such as creating complex surface models.
- Drafting – Knowledge in creating technical drawings and schematics using AutoCAD

Projects Done

- COFE2CO4\CARBON NANOCOMPOSITE FOR MICROWAVE ENERGY ABORPTION - The creation COFE2CO4\AC offered a workable concept for the creation of thin and effective microwave absorption material which are expected to become a new microwave absorbing composites.
- SandBed riser for sugarcane cultivation- For sugarcane cultivation setup was designed and fabricated to need for small famers as they unable buy expensive equipment and it is ecofriendly.
- STUDENT FORMULA RACING CAR 2022 We as a team of 25 members designed and fabricated prototype of student formula racing and we participated in SAE INDIA SUPRA 2022. We have secured 10th rank all over India.

Education

- B.E - Mechanical - KCG College of Technology , Chennai with 7.42CGPA (2019 - 2023)
- HSC - Class 12 - Sunbeam Matric Hr Sec School, Chennai with 67.5 % (2018 - 2019)
- SSLC - Class 10 - Sunbeam Matric Hr Sec School, Chennai with 88.6 % (2016 - 2017)

Software Known

Solidworks / Creo / Auto Cadd / MS-Office

Skills

Creativity / Technical / Analytical / Excellent Communication / Problem solving