

BUVANESH KUMAR. V

MECHANICAL ENGINEER

Contact

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Profile

Innovative Mechanical Engineer with 1.5 years of industrial experience and specialized in product development and precision engineering. Quick learner with expertise in software such as AutoCAD and CREO, with hands-on experience in GD&T, sheet metal design and technical drafting. Proficient in CAD software and design analysis, with a proven ability to translate concepts into functional prototypes through collaboration with cross-functional teams. Eager to contribute to the automotive industry by delivering innovative, cost effective and high-performance design solutions.

Education

(May 2024)

B.E Mechanical Engineering

Graduated in NSCET
college
– Tamil Nadu, India.

Professional Experience

Mechanical Engineer

Jun 2024 – Sep 2025

Delphi – TVS Technologies Pvt Ltd – Chennai, TN

- Oversaw Maintenance and Operational functions of HVAC systems across the entire Plants. (Chillers, Pumps, AHU's, Dehumidifier Air conditioners Units.)
- Operation and Maintenance of Air Compressor, Air Dryer, Electric and EV forklifts, Stackers and hand pallet trucks to ensure efficient operation and safety.
- Handled Preventive Maintenance of Compressors, Chillers, Air Dryers, AHU's and Dehumidifiers
- Oversee 33KV Substations, VCB's, ACB's, 1500 KVA Diesel Generators for safe and reliable operations.
- Oversee the Operations of 400 KVA, 300 KVA, 160 KVA, 15 KVA UPS systems to ensure reliable and Uninterrupted Power Supply.
- Oversee the Maintenance and Operations of Transformers rated with 5 MVA, 2.5 MVA, 2 MVA, and 1 MVA units, ensuring optimal performance and reliability.

Educational Projects

- Design and Fabrication of flower garland making machine, which is comprise of control mechanism and winding mechanism.

Declaration

I confirm that the information presented in the resume is accurate to the best of my knowledge

Certifications

- AutoCAD
- CREO

Technical Skills

- Sheet Metal Design
- Part Modelling
- Reverse Engineering
- Assembly
- GD & T
- Drafting

Soft Skills

- Exceptional Communication
- Decision Making
- Organization & Time Management
- Self-Motivated