

KAMALAKANNANT

MECHANICAL ENGINEER

E-mail:kamalakannant01@gmail.com | Mobile: 8056653593 | LinkedIn: <https://shorturl.at/lchzF>

CAREER OBJECTIVE

Detail-oriented Mechanical Engineer with 1 year of experience in Solar Design and strong knowledge of HVAC Design & Drafting (AutoCAD MEP, Revit MEP, HAP). Skilled in load calculations, equipment selection, and sustainable energy design. Seeking to contribute innovative and efficient HVAC solutions in a dynamic MEP environment.

SKILLS

HVAC Tools: AutoCAD MEP, Revit MEP, HAP, Duct Sizer.

Solar Tools: AutoCAD, Load Calculations

Core Skills: HVAC Load Calculation, Equipment Selection, Duct & Piping Design, Heat Load Estimation, MEP Coordination, Drafting.

EDUCATION

BE.MECHANICAL ENGINEERING

HINDUSTHAN INSTITUTE OF TECHNOLOGY, COIMBATORE

2021-2024 WITH 8.60 CGPA

EXPERIENCE

Solar Design Trainee | Finulent Solutions LLP, Chennai

Aug 2024 – Sep 2025

- Assisted in the design and development of solar PV systems for residential projects.
- Conducted site assessments and performed shading, roof layout, and electrical component analysis.
- Collaborated with the design team to optimize project efficiency and sustainability.

INTERNSHIP

Design Intern | Sri Pranav Tech, Chennai

Jan 2023 – Feb 2023

- Gained hands-on experience in valve design for oil & gas pipelines.
- Learned 3D modeling using Autodesk Inventor and SolidWorks.

CERTIFICATION:-

Runner-Up :- Mini Dirt Bike Competition, Karpagam Institute of Technology, Coimbatore

PROJECTS

SOLAR AGRICULTURAL WATER PUMPING SYSTEM WITH AUTO TRACKING

A solar agricultural water pumping system with auto-tracking utilizes photovoltaic panels equipped with automatic sun-tracking technology. This system efficiently converts sunlight into electricity, powering a water pump that facilitates irrigation in remote agricultural areas.

Location: Chennai, Tamil Nadu