



AMAL PV

MECHANICAL ENGINEER

CONTACT



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SKILLS

- Autocad
- Solidworks
- Team Work
- Time Management
- Leadership

EXTRA SKILLS

- Flutter
- Dart
- C (base)
- CSS(base)
- HTML(base)

PROFESSIONAL PROFILE

Inventive Mechanical Engineer with 5+ years of experience. Skilled at developing and testing equipment, creating detailed models and drawings, and completing ambitious projects on time and under budget. Equally effective in a leadership or hands-on role. Excellent communicator with ability to explain complex design ideas and concepts effectively. Experienced in all aspects of hardware design, theories of operation, system integration, installation and commissioning. Skilled Mechanical engineer with background in manufacturing, product management and operations. Builds and motivates high-performing teams. Harnesses Lean and Six Sigma methodology to drive improvements. Strategic Mechanical Engineer bringing three years of product design project expertise. Proficient in hardware design, operation. Well-versed in explaining complex design concepts to stakeholders across all levels. Resourceful and innovative with aptitude for solving challenges.

WORK EXPERIENCE

Mechanical Engineer

Techomal Infratech - Coimbatore, Tamilnadu

September 2018 - January 2023

Erection and supervision of crushing machineries

- Used investigative troubleshooting strategies to efficiently locate and diagnose system faults.
- Worked with product planners and industrial designers to conceptualize and refine product concepts.
- Provided technical direction to engineers, designers and technicians across multiple high-value projects and initiatives.
- Assessed alternative design models to improve cost-effectiveness
- Regularly reviewed goals and objectives with project management and design teams, facilitating continued project progress.
- Documented products and processes using SolidWorks, Kipwise and Document 360, maintaining clear sprint release notes and designs.

Mechanical Design Engineer

Julay 2017 - Julay 2018

- Meeting with clients and design teams to determine mechanical applications and requirements.
- Conducting research to inform the design and engineering methods required for the mechanical systems.
- Planning and executing mechanical designs using CAD
- Managing project timelines, resources, and budgets

LANGUAGE

- English
- Malayalam(native)
- Tamil
- Hindi

EDUCATION

Bachelor of Technology: Mechanical Engineering

EKC-Technicl Campus | University of Calicut - Calicut
2013 -2017

Higher secondary (+2): Science

RKMHSS | Kerala Board of Higher Secondary Education - Calicut
2010 -2012

High School(10th)

|PHSS | Kerala Board of Secondary Education - Calicut
2010 (passout year)

ACHIEVEMENTS

Baabtra.com , Cyber Square-Calicut

Flutter Developer

Medac , Calicut

Autocad(HVAC)

Cadd Centre , Manjeri

SolidWorks

DECLARATION

I hereby declare that the above-mentioned particulars are true to the best of my knowledge and belief

Date:

Place:

Amal PV