

# MUHAMMAD SHAFI P K

## Mechanical Engineer

Contact: +971 525489887  
Email: mshafi14341@gmail.com  
Address: Dubai, UAE



### Career Synopsis

A highly talented and dedicated **MECHANICAL Engineering graduate** with basic knowledge about thermodynamics, fluid mechanics, solid mechanics and manufacturing process. Possessing a good team spirit, deadline orientated and having the ability to achieve organization goals. Keen to find a challenging & suitable engineering position with an ambitious company that offers opportunities for career development and advancement.

Finely tuned technical skills with dedication to clear communication and presentations. Polyglot (**English, Malayalam and Hindi**) with ability to establish and maintain effective working relations in multi-ethnic or inter-disciplinary teams either as an effective team leader or member of the team.

Highly dependable, self-motivated, and extremely responsible individual with excellent organizational skills and ability to think independently and learn new skills. Maintains calm and diplomacy in high-pressure situations.

### Career Objective

Seeking to apply my knowledge and technical skills at an esteemed Mechanical engineering organisation or entry-level position in the field of Mechanical engineering, production engineering, design engineering and industrial engineering and also ultimately initiate a career as a full time engineer.

### Internships

**Kerala Feeds Ltd, Calicut**  
July 2018

**Rubco Huat Woods Pvt. Ltd, Thalassery**  
July 2017

**EVM Automobiles Pvt. Ltd, Calicut**  
June 2016

### Extracurricular Activities

Aug 2019 - May 2021 **DEPARTMENT ASSISTANT**  
College of Engineering Trivandrum, Kerala

Jun 2017 - Nov 2019 **STUDENT AMBASSADOR**  
College of Engineering Thalassery, Kerala

### Key Competencies

- Advanced Communication
- Computer Aided Design
- Decision-Making Capability
- Delivering Presentations & Speeches
- Lean & Agile Methodology
- Problem Solving
- Team Work
- Leadership
- Precision
- Mechanical Engineering
- AutoCAD modelling
- Industrial Engineering
- Technical Information
- Initiative & Resourcefulness
- Arranging/Leading Events & Meetings
- Effective Listening, Questioning & Advocacy Skills

### Academic Qualification

#### M.Tech in Industrial Engineering

(2<sup>nd</sup> rank holder in APJ Abdul Kalam Technological University)

College of Engineering, Trivandrum, Kerala  
Aug 2019 - June 2021

**Final Year Project:** *Impact of design policies in automated storage retrieval system- A simulation analysis.*

**Mini Project:** *Study and analysis of warehouse inventory management using IOT and propose a new model.*

#### B.Tech in Mechanical Engineering

College of Engineering, Thalassery, Kerala  
Aug 2015 - May 2019

**Final Year Project:** *Fabrication and testing of automatic wall painting robot*

#### Higher Secondary Education

GVHSS Meppayur, Kerala, India  
May 2012 - Mar 2014

#### Secondary School Leaving Certificate

GVHSS Meppayur, Kerala, India  
Mar 2012

### Computer Skills

FlexSim, Netlogo, PTC Creo, ANSYS, AutoCAD, R programming, Microsoft Office programs

### Personal Information

**Nationality**  
Indian

**Language**  
English, Hindi, Arabic (reading, writing) and Malayalam

**Interests**  
Travel: Exploring new places to understand different cultures and cuisines.  
Sport & Games: Football, Cricket and Basketball

**Vaccination**  
Fully vaccinated  
(AstraZeneca/Covishield)  
Reference ID: 64739462100000

# Occupational Profile

Role:	Responsibilities:
<b>INTERN</b> <b>Kerala Feeds Ltd.</b> Calicut, India	<ul style="list-style-type: none"><li>▪ Analysed step by step procedures of making products (cattle feed) from raw materials and prepared a report on it.</li><li>▪ Analysed the working and importance of different equipment (like hopper, pelletizing machine, boilers, etc.) in the making of product.</li><li>▪ Analysed different quality evaluations on raw materials, in process goods and finished products.</li><li>▪ Examined different steps undertaken during maintenance activities of the machines especially boiler.</li><li>▪ Analysed different steps undertaken during emergencies or failure of a machine during production.</li></ul>
<b>INTERN</b> <b>Rubco Huat Woods Pvt. Ltd.</b> Thalassery, India	<ul style="list-style-type: none"><li>▪ Analysed various processes of making different products (furniture) from raw materials and prepared a report on it.</li><li>▪ Analysed different steps involved in the production and importance of different process involved.</li><li>▪ Analysed different processes involved in maintaining the durability of products.</li></ul>
<b>INTERN</b> <b>EVM Automobiles Pvt. Ltd.</b> Calicut, India	<ul style="list-style-type: none"><li>▪ Prepared a report based on the work done inside the showroom regarding the sales works and after works carried out.</li><li>▪ Analysed the front office and back office operations carried out during and after sales.</li><li>▪ Studied the different types of services done on an automobile at specific time periods.</li><li>▪ Worked as parts shop supervisor to ensure the spare parts stocks are up to date as per demands.</li><li>▪ Examined how the crashed vehicles are treated and the way of restoration.</li></ul>
<b>DEPARTMENT ASSISTANT</b> <b>College of Engineering Trivandrum</b> Kerala, India	<ul style="list-style-type: none"><li>▪ Done various clerical activities related to the NBA accreditation procedures.</li><li>▪ Arranged and attended meetings to discuss student issues (especially the issues in the online teaching) with academic staff.</li><li>▪ Worked as mentor of academic project of undergraduation students.</li><li>▪ Developed a wide network of relationships with students and faculty.</li></ul>
<b>STUDENT AMBASSADOR</b> <b>College of Engineering Thalassery</b> Kerala ,India	<ul style="list-style-type: none"><li>▪ Proactively assisted in organizing technical, cultural and sport events around college of Engineering Thalassery.</li><li>▪ Arranged and attended meetings to discuss student issues with academic staff.</li><li>▪ Worked as group captain in the cultural fest.</li><li>▪ Developed a wide network of relationships with students and faculty.</li></ul>

## Projects

<b>M.Tech Final Year Project:</b> Impact of design policies in automated storage retrieval system- A simulation analysis.	<ul style="list-style-type: none"><li>▪ Developed various simulation models of AS/RS by using combinations of several design policies.</li><li>▪ Analysed different performance measures in various models.</li><li>▪ Identified best AS/RS model with suitable vehicle path.</li></ul>
<b>M.Tech Mini Project:</b> Study and analysis of warehouse inventory management using IOT and propose a new model.	<ul style="list-style-type: none"><li>▪ Conducted various studies to understand about AIDC technologies in warehouse management system.</li><li>▪ Analysed various performance measures of RFID and barcode scan.</li><li>▪ Developed a new method to implement IOT in warehouse management system by using several electronic components.</li></ul>
<b>B.Tech Final Year Project:</b> Fabrication and testing of automatic wall painting robot	<ul style="list-style-type: none"><li>▪ Developed a rough design of the model and electronic circuit.</li><li>▪ Done basic mechanical jobs like carpentry, welding, drilling, etc. for the fabrication of the model.</li><li>▪ Tested the model with various surfaces.</li></ul>

## Declaration

I hereby affirm that the above furnished information is authentic to the best of my knowledge and that I, given the opportunity, will perform all assigned duties with utmost dedication and sincerity.