



ABDUL RAYEES KC

PRODUCT DESIGN ENGINEER
MECHANICAL ENGINEER

✉ : kcabdulrayees@gmail.com

☎ : +971566113609

🌐 : [kc-abdul-rayees](https://www.linkedin.com/in/kc-abdul-rayees)

📱 : W2832831

📍 : Dubai, UAE

Professional Summary

I am an enthusiastic Mechanical Engineer with expertise in CAD modelling and simulation. I have excellent communication and management skills to promote a positive work culture and achieve efficient project success. I am excited to continue contributing to the mechanical engineering field.

Professional Experience

▣ Design Trainee at DDU-GKY, India.

Training Company: KKM Soft Pvt Ltd. Trivandrum, Kerala, India.

(JAN 2023 - JUNE 2023)

Description:

- Skill developed in CAD software such as **AutoCAD, Inventor, SolidWorks** for precise 3D modelling and drafting, also trained in **ANSYS**.
- Knowledge of programming languages such as C++, C#, and HTML, as well as additional .NET training.
- DFX and DFMA expertise enable efficient design and manufacturing.
- Proficient in tolerancing, stack-up analysis, and GD&T principles helped achieve goal.
- Communication and management skills have enabled successful project success.

▣ Site-Supervisor at BPCL (KOCHIN REFINERY), Cochin, Kerala.

Contractor: CPSE (India) Private Ltd. Cochin, Kerala, India.

(JULY 2022 – DEC 2022)

Job Description:

- Erection and execution of structures according to codes and standards.
- Explaining safety hazards and taking precautions before beginning work.
- Performing welding inspection activity, material planning and scheduling.
- Familiarize with mechanical equipment.
- Planning and executing work to achieve goals.
- Supervision, monitoring and coordination of maintenance, inspection and testing activities.
- Planning major overhauls and preparing forecasts for spares, manpower, and tools.
- Preparation of Daily and Weekly Reports.

Education

▣ Bachelor of Technology, Mechanical Engineering. CGPA: 7.05

KMEA Engineering College - APJ Abdul Kalam Technological University, Kerala, India.

(JULY 2018 – JUNE 2022)

Project

▣ Solar powered drainage cleaning machine.

Automatically collects solid waste from drainage systems and disposes of it.

▣ 5D automatic robotic arm.

Design of 5D automatic robotic arm.

Achievements

▣ Volunteer Secretary, National Service Scheme

Technical Skills

AutoCAD | Inventor | SolidWorks | Catia | Creo | ANSYS | KeyShot | C++ | C# | HTML | .NET | Adobe Photoshop | Microsoft Office (Excel, Word, Power Point) | Project Management | Process Improvement | Complex Problem-Solving | Applied Research | Data Collection | Analysis & Reporting

Soft Skills

Leadership Skills | Volunteering | Management Skills | Persistence | Communication Skills | Time Management Skills | Problem Solving | Critical Thinking Skills | Accountability | Results-Oriented | Attention to Detail | Conceptual Skills

Languages

- ▣ English
- ▣ Hindi
- ▣ Malayalam