



Adhil Ahamed . Y

CONTACT

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INDIAN

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SKILLS

- Problem solving skills
- Able to adapt to new environment
- Effective technical skills
- Eager to learn new Technologies
- Self learner and quick learner
- Troubleshooting skills
- Hand and Power Tool Experience
- Safety Procedures
- Critical Thinking
- Observing and execute panel blueprints
- AutoCAD

LANGUAGES

Tamil:



Native

English:



Fluent

PROFESSIONAL SUMMARY

I am dedicated, hardworking and proactive Mechanical engineer with strong background in Designing & Manufacturing. Skilled in analyzing and troubleshooting complex mechanical problems, collaborating with cross-functional teams, and implementing cost-effective manufacturing processes. Proven track record of increasing efficiency, reducing downtime, and improving product durability. I am currently looking for an opportunity to utilize my technical skills in a challenging working environment and become valuable asset to the organization that work for.

WORK HISTORY

HVAC ENGINEER

10/2023 - 02/2025

GULF INDUSTRIAL SERVICES COMPANY - Abu Dhabi, UAE

- Provide quotes and estimates on equipment, materials, and labor required for each job
- Establish and build relationships with customers, competitors, vendors, and coworkers
- Assist with sales and marketing by researching and recommending equipment, materials, and methods to achieve individual and company goals
- Perform other job duties as assigned
- And worked in SKM Direct expansion unit, Cooline chillers, Zamil chillers, Fan coil unit, Pumps, Valves, variable refrigerant value(VRV), Fresh air handling units, Ductable A/C, Split A/C units are under ADNOC Work Management System(WMS) as per as Life saving rules and permits system.
- Doing Hot work on units like, Brazing and After General work completed attends complain to solve client reports.
- Implemented custom solutions to address unique client needs thereby improving customer satisfaction rates significantly.
- Monitored mechanical system final testing and commissioning to determine accuracy.
- Assessed work of consultants and contractors to determine capability.
- Participated in project site meetings to gather information and updates.
- Recommended changes to designs to improve performance or functionality.
- Observed manufacture of equipment and components, monitoring compliance and assessing performance against targets.
- Produced technical documentation and reports for design and production teams.
- Restored equipment to operational condition by removing and replacing or repairing components.
- Monitored field safety standards and kept procedures in line with optimal approaches for mechanical inspection, maintenance and repair.
- Witnessed on-site testings to forecast issues and avoid problems.
- Made significant improvements to building comfort by troubleshooting and repairing faulty HVAC equipment.

Malayalam:

Upper intermediate

Hindi:

Intermediate

- Updated technical documentation in line with changes made to the HVAC systems which increased clarity for future reference.
- Liaised effectively with vendors during troubleshooting processes resulting in timely resolutions.
- Collaborated closely with other engineering teams for seamless project execution.
- Executed comprehensive inspection routines for early detection of potential problems.
- Provided technical support to junior engineers, enhancing team productivity and knowledge sharing.
- Communicated life cycle cost-benefit and ROI analyses to guide accurate cost estimations and budgetary governance decision-making.
- Reviewed construction schedule to monitor progress and developments.
- Maximised profitability using smart design, lowering costs whilst maintaining high standards.
- Reduced water usage by embracing dynamic building designs and HVAC frameworks.
- Conducted planned maintenance to prevent equipment outages.
- Assisted research teams with prototyping and testing mechanical testings.
- Compared mechanical designs to industry regulations and contract provisions.

CAD CAM PROGRAMMER

08/2022 - 07/2023

CAPITAL PRECISION TECHNOLOGIES - Chennai, India

- Responsible for designing various components using Auto Cad and Master Cam
- Knows to create the 2D drawings and converts into 2D models and 3D models
- Knows manual programming for industrial component of 2D Milling and Lathe
- Able to verify CNC program using Swan soft software
- Able to generate CNC program using Mastercam Postprocessor
- Ensure programming operations are optimized to improve productivity
- Able to calculate offset in CNC/VMC machining operations.

EDUCATION

Higher Secondary Education: Biology, 06/2016 - 05/2018

Brindhavan Hr. Sec School - Pattukottai

Percentage: 68%

Secondary School Education: Applied Science, 06/2015 - 05/2016

Brindhavan Hr sec School - Pattukottai

Percentage: 78%

Bachelor's Degree: Mechanical Engineering, 06/2018 - 07/2022

MIET Engineering College - Tiruchirapalli

Percentage: 73%

CORE QUALIFICATIONS

- MECHANICAL SYSTEM INSTALLATIONS
- ATTENTION TO DETAIL
- ENGINEERING DESIGN CONFORMANCE
- PERFORMANCE SPECIFICATIONS

- CRITICAL THINKING
- SYSTEM MALFUNCTIONS RESOLUTION

PROJECTS

- Design and Fabrication of Automatic Stamping Machine.
- To Install the Refrigerator Filter to Reduce the waste of hot gases absorption cycle instead of vapour compression cycle and refrigeration motors instead electric motors.

HOBBIES AND INTEREST

- Automated manufacturing, Quality control, Precision manufacturing.
- Development of tools, and Optimizing processes.
- Cricket, Table Tennis, Carrom, Travelling- it allows you to explore new places, experience different cultures, meet new people, and broaden your perspective on the world.

SOFTWARES

- AUTOCAD 2D
- AUTOCAD 3D MODELLING
- MASTERCAM
- SWANSOFT CNC/VMC

PERSONAL DETAILS

DATE OF BIRTH: 21/03/2001
VISA STATUS : VISIT VISA-15/09/2025
SEX : MALE
NATIONALITY : INDIAN
RELIGION : MUSLIM
PASSPORT NO : W9064910
MARTIAL STATUS: SINGLE

REFERENCES

Mr.HAJI MOHAMMED
SHIFT SUPERVISOR-ADNOC RUWAIS
MOBILE NO:+971505218023
ABUDHABI

DECLARATION

- I solemnly declare that all the information furnished in this document is free of errors to the best of my knowledge. I hereby declare that all the information contained in this resume is in accordance with facts or truths to my knowledge. I take full responsibility for the correctness of the said information.