

ANURAJ U.C

(Mechanical Engineer Specialized in HVAC Engineering)

Motivated Mechanical Engineer who consistently uses education experience and creativity to solve Complex problems pertaining to a wide variety of mechanical design.

SHANTHI BHAVAN (H).
KUDUKKIMETTA (P.O)
KANHIRODE, KANNUR, KERALA

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OBJECTIVE

Apply my skills as a content expert to a new challenge with a company focused on quality, dedication, and ingenuity. With target-oriented work culture, which provides career growth along with job satisfaction and accomplishing goals with attention to details and ultimately Leading to company's satisfaction, growth and appraisal.

TOTAL EXPERIENCE

Nearly **three years** of experience in **HEAT VENTILATION & AIR CONDITIONING (HVAC)**.

TRAINING PROGRAMMES

- Completed P.G diploma in **HVAC DESIGN ENGINEERING** from (ADAPTS ENGINEERS) Cochin, Approved by centre of NSDC.
Purpose: Enhancing skills as per actual work.
- Successfully completed Training program on "HVAC designing Tools such as AUTOCAD, REVIT, HAP etc.

TECHNICAL SKILLS

- Familiar with codes and standards of **ASHRAE**.
- Having Knowledge in Cooling load Calculation, Equipment Selection.
- Having Very Good Skills in Drawing Layout, 3D Modelling,
- Possess very good skills in read and interpret construction plans, schematics, and blueprints for new construction projects.
- Having knowledge in calculating ventilation requirements based on the types of systems needed
- Having much knowledge in mechanical equipment designing
- Familiar with determining costs for heating and cooling systems and write up detailed budget estimates
- Having skills to coordinate and collaborate with architects and engineers when designing heating and cooling systems.
- Having time management skills to work within tight deadlines and finish projects on time.
- Having good knowledge in technologies used in hvac system. And Familiar with VFD's technology and its installation.
- Possess excellent interpersonal, analytical, troubleshooting and team building skills with proven ability in establishing quality systems/Procedure and planning/ Managing resources.
- Having very good communication skills to deal with client in a working environment.
- Ability to work well with team members to ensure efficient operations,
- Adaptive to all situations



PERSONAL TRAITS

- ⇒ LEADERSHIP
- ⇒ TIME MANAGEMENT
- ⇒ TEACHING
- ⇒ FAST LEARNING
- ⇒ ADAPTABILITY



ACADEMIC QUALIFICATION

- **BTECH (MECHANICAL ENGINEERING)**
TKM Institute of Technology
04/2014 – 04/2018 Kollam (Kerala)
CGPA: 7
- **SENIOR SECONDARY**
SN TRUST Higher secondary school
04/2012 – 04/2014 Kannur (Kerala)
PERCENTAGE: 81%
- **SECONDARY**
Gov HR School, MUNDERI
04/2011 – 04/2012 Kannur (Kerala)
PERCENTAGE: 78%



SOFT SKILLS

- **AUTOCAD**
- **M.S OFFICE**
- **REVIT(MEP)**
- **HAP**

WORK EXPERIANCE

COMPANY: BLUE ZONE, TRISSUR, KERALA
DURATION: 2019-FEB TO 2020-AUG
DESIGNATION: HVAC PLANNING ENGINEER/ HVAC ENGINEER
ROLES & RESPONSIBILITIES

- Monitoring day-to-day work progress for a project and provide accurate weekly and monthly reports
- Attend crucial meetings and provide current status updates to vendors, supervisors, and other stakeholders.
- identifying gaps in key performance areas and plan activities to increase overall project efficiency.
- Coordinating & troubleshoot on HVAC equipment and installation at site,
- Tonnage Calculation of HVAC system
- Monitoring the site activities.
- provide support to all equipment and perform calculations and implement various plans for HVAC.

COMPANY: ADAPTS ENGINEERS, COCHIN, KERALA
DURATION: 2018-MAY TO 2019-JAN
DESIGNATION: HVAC DESIGN ENGINEER
ROLES & RESPONSIBILITIES

- Calculating cooling load and calculating Tonnage.
- Performing calculations for Ventilation requirements
- Designing and routing the duct in Auto CAD.
- Preforming Hydraulic Calculations for mechanical equipment like pump, compressors etc.
- 3D modelling the HVAC system in Revit Software.
- Performing the chiller calculation an selecting the chiller.
- Extracting Blue prints, reviewing and checking
- Determine costs for heating and cooling systems and write up detailed budget estimates.

CURRICULAM PROJECTS

“DESIGN & MANUFACTURING OF TURBO CHARGER WITH ZEROTURBO LAG”

TKM Institute Of Technology Kollam (Kerala)
(01/2018 – 03/2018)

REFERENCE

Dr. Mohamed Shameem P
Ph.D., M.E, M.B.A, M.I.S.T.E., M.I.E
PRINCIPAL
TKM INSTITUTE OF TECHNOLOGY, KOLLAM

HOBBIES

⇨ GAMES ⇨ SPORTS ⇨ SINGING
⇨ TRAVELLING ⇨ DRIVING

LANGUAGES

⇨ ENGLISH ⇨ MALAYALAM
⇨ HINDI ⇨ TAMIL

ACHIEVEMENTS

- **CNC Programming & Machining**
Completed the training, Conducted by department of Mechanical Engineering in TKM institute of Technology (Kollam)
- **OPEN FORM Training**
Participated in training conducted by, SPOKEN TUTORIAL PROJECT, IIT BOMBAY

INTERNSHIP

Industrial Training at **Western India Plywood Ltd.**

Baliapatam, Cannanore, Kerala

29/05/2017 – 02/06/2017

PERSONAL DETAILS

NAME	: ANURAJ UC
NATIONALITY	: INDIAN
DATE OF BIRTH	: 22nd September 1995
MARITAL STATUS	: Single
DRIVING LICENCE NO.	: 13/7158/2014