

## CURRICULUM VITAE

**KEERTHIVASAN A**  
**HVAC ENGINEER (5 Years)**

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TAMIL NADU,INDIA**

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### Objective:

Looking for a challenging and demanding position in HVAC -Design, Installation, Commissioning & maintenance in a growth oriented Electro & Mechanical consulting/contracting/construction organizations where there is ample scope for individual and organizational growth

### Work Experience–Gulf-3 years & India-2 years

#### Gulf Experience–Sep-2017 to June 2020 (3 years)

Worked as HVAC-Design/Site Engineer in AL TASNIM ENTERPRISES, OMAN.

##### **1. Al Tasnim Head Office (Design and Application Engineer)**

Testing and commissioning at various projects - **Residential, office, Hotel, Hospital Projects, and villas.**

##### **Response:**

- 1.Equipment's selection and finalization with vendors as per project specifications,
- 2.Design review
- 3.Quantity take off
- 4.MAS Preparation,
- 5.Shop drawings preparations,
- 6.Calculations (HAP, ESP & Pump Head)

##### **2. Completed Testing and commissioning for Dog kennel complex at Alkoudh, Oman**

**Client** : Royal Oman Police

**Consultant:** Elegant design engineering

**Contractor:** Al Turki Enterprises LLC,

**System:** DX

**Response:** Testing and commissioning of DX-FCU, AHU, FAHU, Package unit, Exhaust fans, split units, Preparing reports and RFI

### **3.EXPANSION OF NIZWA HOSPITAL PROJECT**

**Client** : ROYAL COURT AFFAIRS,

**Consultant:** ME STUDIO ENGINEERING & RENARDET S.A  
& Partners Consultancy Engineers LLC

**Contractor:** Al Tasnim Enterprises LLC,

**System:** Chilled water with Air cooled chiller with various Air handlings machines and DX Units

**Response:** Preparation of MAS, Shop drawing, Material ordering through SAP,  
Site installation, Submission of Method statements, Preparing reports and RFI

### **4.HEALTH CENTRE AT LIWA, SOHAR**

**Client:** Ministry of Housing & Ministry of Health

**Consultant:** AAW

**Contractor** : Al Tasnim Enterprises LLC,

**System:** DX-UNITS (PACKAGE AC/Ventilation System)

**Response:** Preparation of MAS, Shop drawing, Material ordering with SAP, Site installation,  
Method statements submission.

### **5.OMANTEL HEADQUATER, OMAN**

**Client:** OMRAN

**Consultant:** SSH

**Contractor:** Al Turki Enterprises LLC,

**System:** Chilled water with Plate heat exchangers with various Air handlings machines and DX  
Units **Response:** Testing and commissioning of PHE, Pumps FCU, AHU, FAHU, DX units

CCU, AHU Exhaust fans, split units, Preparing reports and RFI

### **India Work Experience- June 2015-July 2017(2 years)**

- Worked as Mechanical Engineer at URC Construction at Erode. June 2015-May 2016
- Worked as HVAC design engineer in JSE engineering. Chennai. June 2016-July 2017

### **Technical Skills:**

Heat gain calculations, Calculations for pumps and Blowers Equipment's selection and finalization with vendors as per project specifications and requirements, Site installations, Testing and commissioning of HVAC services.

### **Computing & Software:**

AutoCAD, HAP & MS Office

### **Academic Profile:**

B Tech in Mechanical Engineering-  
(2012-2015) SASTRA UNIVERSITY.

Diploma in Mechanical Engineering  
(2010 – 2012) Shanmugha Polytechnic college

SSLC – (2009-2010)  
Government Boys Higher Secondary School

### **Job. Responsibilities:**

- Air Conditioning Heat Gain calculations, following ASHRAE codes.
- Duct system design, supervision, duct fabrication and installation of the ductwork following DW 144 codes.
- Chilled water pipe design and pump head calculation, selection of chilled water pumps.
- Site supervision of all Air-conditioning works.
- Calculation of static pressure of Blowers & Pumps and their selection.
- Selection of Chillers, AHU'S, FCU'S, Exhaust Fan, Blower and other Accessories.
- Preparation of drawings for A/C equipment's and accessories installation.
- Ensure smooth commissioning of the erected HVAC projects.

- Ensure that all HVAC site activities are conducted under controlled conditions as per shop drawings, method statements, and specification and work plan.
- Ensure safe work environments, control the use of material and avoid damages and waste, request material, tools and equipment needed for the projects and issue the foreman daily instructions as per the work plan
- Responsible for Preparation of Bill of Quantity of Materials for Projects

**Personal Details:**

- Father's Name : ANANDHA KRISHNAN
- Gender : MALE
- Date of Birth : 06/07/1993
- Passport No : M9053986
- Nationality : INDIAN
- Marital Status : SINGLE
- Languages : ENGLISH, TAMIL, HINDI

Place: Chennai  
Date:

Keerthi vasan. A  
HVAC Engineer