CURRICULUM VITAE

**OF**

# RAJENDRAN

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***Career Objective***

To work in a globally competitive environment on challenging tasks that stimulates personal and organizational growth.

***Capability***

* + - Creative knowledge, visualization and strategic planning to complete any

**Mechanical Oriented project.**

* + - **12+ years of mechanical design experience in gulf. (22 YEARS OVERALL EXPERIENCE)**
    - Confident to handle Clients, by intelligence and emotional IQ.
    - Technically sound in design, tendering, estimation and execution of **plumbing, sanitation, firefighting, LPG and irrigation works.**
    - Technically sound in design, tendering, estimation and execution of **HVAC Works such as VRV systems , chillers system and District cooling plants.**
    - Assisting junior engineers for preparation and review of ESP calculation for air handling equipments and fans.
    - Assisting junior engineers in preparation and review of head loss calculation for chilled water pumps.
    - Assisting junior engineers for preparation and review of heat load calculation HAP 4.6
    - Technical lead of MEP teams, from concept design through to construction issue and site supervision.  
      Preparation of design calculations.
    - Carry out Building Services (Air-Conditioning, Drainage, Domestic water, Fire Protection, LPG etc) design to ASHRAE, CIBSE, NFPA, International and British Standards and Local municipality and Utility Authority regulations.
    - Carry out arithmetical checks and independent design checks of other Engineer's design and design reviews in accordance with Quality procedures.

***Strength***

* Understanding of advanced building services engineering principles.
* Sound technical knowledge of HVAC, electrical, plumbing and fire protection systems.
* Statistical data analysis experience.
* Thorough knowledge of building codes and standards as well as industry practices.
* Thorough knowledge of NFPA codes
* Thorough knowledge of UAE fire and safety.
* Thorough knowledge of Ashrae Standards, Ventilation standards, Acoustic standards and Noise Controls.
* Thorough knowledge of *International plumbing codes*.
* Thorough knowledge of *Eurovent classification of AHUs based on parameters like casing strength, casing leakage, filter bypass leakage, thermal bridging, thermal transmittance etc.,*
* Currently doing LEED GA training course
* Skilled in following safety practices and recognizing hazards.
* Thorough knowledge of AutoCAD, Revit, plan swift (Estimation software) and related engineering software.
* Proficiency in Microsoft Office Applications.
* Thorough knowledge of energy and sustainability requirements.
* Thorough knowledge of local authority requirements and regulations.
* To understand and implement QA procedures and advise Engineers/Technicians

***Work Experience Summary***

M/s. Brayan Electromechanical Design manager – mechanical 2015- tilldate

works LLC - DUBAI

M/s. Kadri Consultants LLC OMAN Senior Mechanical Engineer 2004- 2015

M/s. Thermodyne Technologies junior Engineer-mechanical 1995- 2004

**PERSONAL PROFILE :**

Date of Birth : 28/11/1973

Gender : Male

Marital Status : Married

Dependents : Wife & Daughter

Nationality : Indian

Religion : Christian

Languages Known (Speak & Write) : English, Tamil, Hindi & Malayalam

**Total Experience** : 22 Years

**Gulf Experience** : 12 Years

**EDUCATIONAL QUALIFICATION :**

Academic Qualification : H.Sc

Board/ University : State Board of Higher Secondary Education

**TECHNICAL QUALIFICATION :**

Nature of Study : Doing B.Tech (2014 – DEC 2016)

Diploma in Mechanical Engg.

Name of the Institution : Tamilnadu Polytechnic

Year of Course Completion : April 1994

COMPUTER SKILL : **AutoCAD, Primavera,**

**PLANSWIFT, (ESTIMATION SOFTWARE)**

**REVIT-MEP (ONGOING)**

**WORK EXPERIENCE :**

1)Organisation : **BRAYAN ELECTROMECHANICAL WORKS., DUBAI.**

Period : Since OCT’2015 to TILLDATE

Designation : **Manager – DESIGN (HVAC)**

Responsibility : Preparation of Design drawings of **chilled water piping, airconditioning layout, ventilation layout** **for DCS plant and complete smoke extract system for the entire theme park as per fire consultant’s design.** co-ordinating with Electrical, Structural & Architectural Drawing, Preparation of tender documents, Material approval sheets, variation etc, and Coordination with client & Site Supervision for HVAC, Plumbing, Fire Fighting works and other Mechanical services.

**Some of the major projects designed and BUILT (district cooling)**

* IMG THEME PARK LLC, CITY OF ARABIA, **DUBAI** for Mr. Ilyas, Mustafa Galadari

CLIENT : ILYAS MUSTAFA GALADARI

MAIN CONSULTANT : M/s. GREENSTYLE INT.

FIRE CONSULTANT : M/s. EXOVA.

MAIN CONTRACTOR : M/s. SIMPLEX INFRASTRUCTURES LTD.,

MEP CONTRACTOR : M/s. BRAYAN ELECTROMECHANICAL WORKS LLC.,

AREA : 118,000 SQ.M

OCCUPANCY : 25000

DCS CAPACITY : 9400 TONNES

DCS PROVIDER : M/s. EMPOWER

CHILLED WATER PUMP : 2815 GPM x 4 NOs. (4 DUTY & 1 STANDBY)

2)Organisation : **KADRI CONSULTANTS, L.L.C., MUSCAT.**

Period : Since Dec’04 to April 2015

Designation : **Manager - Mechanical**

Responsibility : Preparation of MECHANICAL Design drawings, co-ordinating with Electrical, Structural & Architectural Drawing, Preparation of tender documents, checking & approving Shop & As-built Drawings, Material approval sheets, variation etc, and Coordination with client & Site Supervision for HVAC, Plumbing, Fire Fighting works and other Mechanical services.

**Some of the major projects designed and supervised (OMAN)**

* Palm Gardens Township at Sohar (300 Apartments +150 Villas) for M/s. Saud Bahwan Automotive LLC **(VRV)**
* Proposed Staff Accommodation Facility (250 Apartments + 500 Bachelor Apartments) at Wadi Kabir for M/s. Saud Bahwan Automotive LLC
* Building at Darsait on Plot no. 104, 72 SE, Greater Muttrah
* Com./Res. Building on Plot no. 725, Area 17/2 at Al Khuwair for M/s. Suhail Bahwan Group
* Headquarters Building at Al Khuwair for Ministry of Interior (Supervision only)
* Commercial/Residential Buildings no. ΙΙΙ & ΙV at Plot no. 3 & 2 at Area 41 at Al- Khuwair for M/s. Saud Bahwan Automotive LLC (Supervision only)
* Bodyshop & Service Facility Extn. (NISSAN) at Azaiba for Suhail Bahwan Group.
* NISSAN showroom, Workshop & Warehouse at Mawaleh for Suhail Bahwan Group.
* Iveco showroom, Workshop & Warehouse at Mawaleh for Suhail Bahwan Group.
* Headquarters Building for M/s. Al Maha Petroleum (Supervision only)
* 3S Facility @ Sumail for M/s. Saud Bahwan Automotive LLC (Supervision only)
* 3S Facility @ Suwaiq for M/s. Saud Bahwan Automotive LLC (Supervision only)
* 3S Facility @ Bidaya for M/s. Saud Bahwan Automotive LLC
* Proposed Staff Accommodation Facility at Naseem Garden for M/s. Saud Bahwan Automotive LLC
* Proposed Fabrication unit at Naseem Garden for M/s. Saud Bahwan Automotive LLC
* Proposed Warehouse @ Buraimi for M/s. Saud Bahwan Automotive LLC (Supervision only)
* Commercial / Residential bldg. for H.E Kilbani @ ghala
* 8-villa complex at Qurm for H.E Saud Ibrahim.
* Commercial / Residential bldg. for Royal office @ Ghoubrah (Supervision only)
* Bank Muscat @ SQU **(VRV)**
* 12-villa complex at BAUSHER.
* 4 Villa complex @ Qurm heights for H.E Kilbani
* 4 Villa complex @ AL Ansab for H.E Saud Ibrahim
* Schools programme 2008- Batinah Region (6 Schools) for Ministry of Education.
* Schools programme 2009- Batinah Region (6 Schools) for Ministry of Education.
* Wali’s Offices @ Barka & Suwaiq for Ministry of Interior.
* Commercial bldg. for ONIC at MBD
* Residential bldg. for ONIC at MBD
* Commercial bldg. for Royal office at MBD
* Residential bldg. for royal office at MBD
* Multipurpose halls @ Various location for Ministry of Interior. **(250Tr air cooled chiller)**
* Commercial / Residential bldg. for H.E Siyabi @ Bausher –Panorama **(1000Tr x 3nos. water cooled chillers)**
* Commercial / Residential bldg. for Mr. Mustafa behlim @ MBD
* Commercial / Residential bldg. for fahmy furniture at AL KHUWAIR **(VRV)**
* LIFELINE HOSPITAL at AL KHUWAIR **(250Tr x 3nos. air cooled chillers)**
* MUNICIPAL PARK AT nizwa
* Football stadium at khasab for ministry of sports
* Football stadium at ibra for ministry of sports **(VRV)**
* AL RAHA village (labour accommodation) at Knowledge Oasis Muscat. **(district cooling design only)**
* Renal Dialysis unit at SEEB for Ministry of health. (28 BEDS)
* Vehicle distribution centre at sohar for Saud Bahwan Automotive LLC phase –II **(VRV)**
* TWIN tower at bausher for H.E Saud Ibrahim
* NESTO hypermarket at mawellah **(300Tr x 4nos. air cooled chillers)**

3) Organisation : **M/s. Thermodyne Technologies Pvt. Ltd.,**

Period : Since 1995 to 2004

Designation : **Mechanical Engineer** (JUNIOR)

* Preparing Electro-mechanical Design Drawings for various Projects such as Multi-storied building, Hospitals, Commercial & Industrial Projects.
* Preparing Electro-mechanical Shop Drawings for various Projects such as Multi-storied building, Hospitals, Commercial & Industrial Projects.
* Boiler G.A Drawings, Ducting G.A Drawings
* Isometric Piping drawings, Piping Layouts
* P&I Diagram, Storage Tanks & Blow Down Tank Detailing, Boiler Proposal Drawings.
* Able to prepare Tender Drawing/Shop Drawings & capable to work in challenging atmosphere.

***References***

Available upon request