**CURRICULUM VITAE**

**P. VELMURUGAN +91 8056003179**

## [Vel.rajesh28@gmail.com](mailto:Vel.rajesh28@gmail.com)

**Summary:**

**Electrical & Electronics Engineering** with around 6 years of experience in the field of Electrical Engineering using **AutoCAD, MS-Office** and providing MEP, L.V switchgears, Engineering Design on various projects in Residential and Commercial, oil & Gas, Refineries, Power and Process plants.

# Educational Qualification

B.E Engineering: Electrical & Electronics Engineering–Anna University, Chennai, India. (2011)

H.S.C : State Board of Higher Secondary Education–Chennai, India. (2007)

* + 1. : State Board of Secondary Education–Chennai, India. (2005)

# Professional Experience

**Electrical Building Design in JSE Engineering Pvt Ltd Training with JSE Engineering Academy at Chennai.**

**Period:** Jan 2018–May 2018.

# Description:

* + - * Design and Drafting of Electrical System Design with Software tool like 2D Auto Cad and Dialux.
      * Design and Drafting all kind of Electrical Building Drawings as per DEWA Regulations.
      * Preparation of Electrical Services Design and Shop drawings for Lighting Layout, Small Power Layout,Fire alarm, Containment Layout.
      * Light fitting co-ordination with False ceiling layouts and other Mechanical services.
      * Developing of Conceptual Drawing, Design Drawing,Shop Drawings , SLD, DB Load Schedule,etc...
      * Preparation of Enlarged details & section details for Electrical room and Transformer room.
      * Design of Electrical Services Included Telecom and Data services, Lighting services with Trunking, Power services, Containment services and CCTV services.
      * Calculations of Conductors & Insulators, Cable Selection Calculation, Voltage Drop Calculations, Trunking Calculations, Cable Tray Calculation and Basic Electrical Calculation.
      * Design of Fire Alarm Services, Emergency Lighting services, SMATV services, etc.
      * Capable of completing AutoCAD drawings in short period.

## Projects Done:

**Project#.1**

Project Title: RIYADH METRO PACKAGES 3, DUBAI Client: RAS GAS COMPANY LIMITED

Services: Lighting, Power, Telecom, and CCTV.

## Project#.2

Project Title: REGIONAL HEAD OFFICE AND DISTRIBUTION CENTER, UAE Client: DB SCHENKER

Services: Lighting, Power, Telecom, and CCTV.

## Project#.3

Owner: SHARM RUJAIRAH REAL ESTATE L.L.C, UAE Client: RW ARMSTRONG

**Present Company: Bays Engineering Consultant –Chennai**

**Designation**: Electrical Draftsman

**Period**: May 2017–till Date.

**Previous Company: Integra International Trading and Contracting –Qatar**

**Designation**: Electrical Draftsman/Design Engineer (MEP, LV Switchgear)

**Period**: Feb 2014–Sep 2016.

## Previous Company: SCG Ex d TECH PVT. LTD. – Chennai - India

**Designation**: Production Engineer (LV Switchgear)

**Period:** Jan 2012 – Jan 2014

# Software Proficiency:

* + - * + MS-Office (experience with MS Excel, Word, PowerPoint)
        + AutoCAD
        + Microstation (Basics)
        + Dialux

# Job Profile Summary:

* + - * Understand the scope of work for a project and prepare engineering deliverables.
      * Design and Drafting all kind of Submittal Drawings as per Kharamaa Regulations.
      * Preparing General Arrangements and quantity based on Bill of Material.
      * Designing of Panels from FORM -2 to FORM -4 Type.
      * Busbar Size Calculations for Copper.
      * IP Standards of Panels respectively.
      * Formulation of Control & Power Logic and basic Interlocks & it’s implementation.
      * Project Engineering status and database management.
      * Project design based on standards like IEEE/IEC,etc,
      * Attending Panel Inspections at vendor places.
      * Coordination with site issues and advising the site engineers to solve the issues.
      * Coordination with site Modification work and Submit the Site Modification details to Estimation for Costing.

## Projects Handled:

**Project#.1**

Project Title: BARZAN ONSHORE PROJECTS OPERATION CENTER (BXK-02), QATAR Client: RAS GAS COMPANY LIMITED

Consultant: JGC CORPORATION.

## Components used:

* + - * ABB: Cap. Bank Panel, SMDBs, DBs
      * MCCBs, Isolators, Capacitors, MCBs, ELCBs, etc…

## Activity:

* + - * General Arrangement Drawings - Based on Electrical room Layout & Cable Entries by coordinating with MEP Contractor.
      * Preparing Shop Drawings by Complying Local Electricity Regulation and Consultant Specifications
      * Breakers & Components selections by Complying Local Electricity Regulation and Consultant Specifications
      * Submittal Submission to consultant and take approval by clearing consultant doubts and Questions
      * After Consultant Approval to prepare Bill of Materials and submitting to purchase Department.
      * Approved Drawings issuing to Production Departments.
      * Guiding to Production Engineer and Technicians to Execute the Panels Production
      * Attending Factory Acceptance Testing with Production Engineer and take approval from consultant.

## Project#.2

Project Title: (2B+G+38F) AL ABDUL WAHAB GHOLAM TOWER HOTEL AND RESIDENTIAL APARTMENT TOWER, QATAR

Client: AL ABDUL WAHAB

Contractor: RADIUS ENGINEERING W.L.L.

## Components used:

* + - * EATON: 2500A LV Panels, Cap. Bank Panel, SMDBs, DBs
      * ACBs, MCCBs, Isolators, Capacitors, MCBs, ELCBs, etc..

## Activity:

* + - * General Arrangement Drawings - Based on Electrical room Layout & Cable Entries by coordinating with MEP Contractor & Flange Provision by coordinating with

Flange Suppliers.

* + - * Preparing Shop Drawings by Complying Local Electricity Regulation and Consultant Specifications
      * Breakers & Components selections by Complying Local Electricity Regulation and Consultant Specifications
      * Submittal Submission to consultant and take approval by clearing consultant doubts and Questions
      * After Consultant Approval to prepare Bill of Materials and submitting to purchase Department.
      * Approved Drawings releasing to Production Departments
      * Guiding to Production Engineer and Technicians to Execute the Panels Production
      * Attending Factory Acceptance Testing with Production Engineer and take approval from consultant.

## Project#.3

Project Title: DOHA MALL, QATAR

Client: H.E.Sh. HAMMAD BIN JASSIM BIN JABER AL-THANI Consultant: DARA ENGINEERING CONSULTANT

## Components used:

* + - * ABB: 2500A LV Panels, Cap. Bank Panel, SMDBs, DBs
      * ACBs, MCCBs, Isolators, Capacitors, MCBs, ELCBs, etc..

## Activity:

* + - * General Arrangement Drawings - Based on Electrical room Layout & Cable Entries by coordinating with MEP Contractor.
      * Preparing Shop Drawings by Complying Local Electricity Regulation and Consultant Specifications
      * Breakers & Components selections by Complying Local Electricity Regulation and Consultant Specifications
      * Submittal Submission to consultant and take approval by clearing consultant doubts and Questions
      * After Consultant Approval to prepare Bill of Materials and submitting to purchase Department.
      * Approved Drawings releasing to Production Departments
      * Guiding to Production Engineer and Technicians to Execute the Panels Production
      * Attending Factory Acceptance Testing with Production Engineer and take approval from consultant.

## Project#.4

Project Title: (4B+G+M+7) COM, AND ADM, BUILDING (P-106) NAJMA, QATAR Client: MOHAMMED ABD AL-LATTIF A. AL-MANA

Consultant: AL-AQSA ENGINEERING CONSULTANT (Q.E.C)

## Components used:

* + - * ABB: MCC Panels, Motor Starter Control Panels(VFD, Soft starter, Star-Delta& D.O.L)
      * VFD, Soft Starter, MCCBs, MCBs, ELCBs, Contactors, Thermal Over Load Relays, etc..

## Activity:

* + - * General Arrangement Drawings - Based on Electrical room Layout & Cable Entries by coordinating with MEP Contractor.
      * Preparing Shop Drawings by Complying Local Electricity Regulation and Consultant Specifications
      * Preparing Power Drawings by Coordinating with Motor Suppliers.
      * Preparing Control Drawings by Coordinating with Project requirements and BMS Suppliers.
      * Preparation Control Drawings Based of Input/output signals list from BMS
      * Breakers & Components selections by Complying Local Electricity Regulation and Consultant Specifications & Coordination Charts
      * Submittal Submission to consultant and take approval by clearing consultant doubts and Questions
      * After Consultant Approval to prepare Bill of Materials and submitting to purchase Department.
      * Approved Drawings releasing to Production Departments
      * Guiding to Production Engineer and Technicians to Execute the Panels Production
      * Attending Factory Acceptance Testing with Production Engineer and take approval from consultant.

## PERSONAL PROFILE

**Name :** P. VELMURUGAN

**Fathers Name :** POOMARIAPPAN

**Sex :** MALE

**D.O.B :** 26-06-1990

**Passport No :** L-2301616

**Martial status :** Single **Languages Known :** English& Tamil **Countries Visited** : QATAR,UAE **Present Address :** CHENNAI

I hereby assure that the above-furnished details are correct to the best of my knowledge.

Place**:**

Date: (P VELMURUGAN**)**