**DURAI**

E-mail id: **DURAI.313102@2freemail.com**



***Objective:***

To be associated with a progressive organization that provides an opportunity to apply my Designing

Modelling & Drafting and knowledge and Skills in order to be abreast of latest trends and technologies. Looking for Innovative and Enthusiastic responsibilities and sustained growth whilst.

**Professional Work Experience (6.5 years, including 3 years in GCC)**

 Experience in Designing & Drafting in Electrical Services Drawings.

 Experience in MEP Coordination.

 Experience in Electrical BIM Modeller

***Current Employer:***

Organization: ALYSJ JV (A Joint Venture in Gold Line Metro Projects) Doha, Qatar

 Project & Client: Qatar Rail.

Project Details: Project consists of metro rail. It consists of 10 station & all are underground

 Along with stabling yard.

 Designation: BIM Modeller (Electrical) 2016 November to Present.

***Activities and common responsibilities:***

* Calculating cable tray sizing and trunking sizing as per working standards.
* Preparation of different electrical services & their coordination.
* Preparation schedules & Quantities for MEP & FP Services
* Preparation of sheets and detail views by using sections and call outs in Revit
* MEP Design Co-ordination with Architectural, Structure & other Discipline regarding projects.
* Modelling of the Electrical Substations, Switch Box and Tunnels and their coordination in Revit.
* Manage and participate in the creation of Mechanical and Electrical Building Information Models with multiple teams.
* Co-ordinate technical discipline BIM development, standards, data requirements
* Compliance, revisions and consultant’s follow-up.
* To ensure avoidance of all possible errors while preparing the drawings at first place itself.
* Taking part in the Coordination of Interdisciplinary services and giving valuable suggestion.
* Extracting the Construction drawings with relevant Engineering details from Revit.
* Preparation of cable routing drawings in AutoCAD.

***Professional Carrier 4:***

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| Organization |  | **:** | **VDC TECHNOLOGIES, GURGAON** |
| Duration |  | : Since Jan 2016 to Nov 2016 |
| Designation |  | : | Senior Engineer-Electrical |

VDC has been the provider of innovative BIM services to the MEP Engineering Construction Industries.

***Projects Handled:***

*The Sail Tower* *- Saudi Arabia(JEDDAH)*

***Activities and common responsibilities:***

* Calculating cable tray sizing and trunking sizing as per working standards.
* Project template creation in Revit.
* Project setup in Revit.
* Preparation of model services like Lighting, Power, Containment, Fire Alarm, Security, as per design input.
* Laying conduits, cable trays with hanger supports model as per I/p Drawings.
* Preparation schedules & Quantities for MEP & FP Services.
* Preparation of sheets and detail views by using sections and call outs in Revit.
* Creating a model of Electrical services Co-ordination with Mechanical, Plumbing,

Fire protection and Architecture, Structure and generate the clash report and resolve in Navis works manage software.

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| ***Professional Carrier 3:*** |  |  |
| Organization | **: PINNACLE INFOTECH SOLUTIONS, DURGAPUR** |
| Duration | : | Since Jan 2014 to Jan 2016 |
| Designation | : | Senior Electrical Engineer |

Pinnacle has been the leading provider of innovative BIM services to the Architectural Engineering and MEP Engineering Construction Industries.

***Projects Handled:***

Ambuja project - India(Patna)

Kingdom tower - Saudi Arabia (world tallest building)

**Overseas Deputation Experience:**

Deputed to : DC PRO Engineering pvt LLC, Dubai

Period : JULY 2014 to JUNE 2015 (1 YEAR)

Nature of Work : Co-ordination with Client & resolve the project issues

Designation : Electrical Designer.

Location : DUBAI

 Project : KINGDOM TOWER SAUDI ARABIA

***Responsibilities:***

* Co-ordination with Client & resolve the project issues
* Giving the proper outputs what client needs
* Checking the Electrical shop drawings ,3D model, Design validation co-ordination, RFI

Making & Document managements.

***Activities and common responsibilities:***

* Calculating voltage drop calculation at each level of distribution.
* Preparing the Lighting layout through Dialux and manual calculations.
* Calculating cable tray sizing and trunking sizing as per working standards. Project template creation in Revit
* Project setup in Revit
* Preparation of model services like Lighting, Power, Containment, Fire Alarm, and Security as per design input
* Laying conduits, cable trays with hanger supports model as per i/p Drawings
* Preparation schedules & Quantities for electrical components
* Preparation of sheets and detail views by using sections and call outs in Revit
* Creating a model of Electrical services Co-ordination with Mechanical, Plumbing,
* Fire protection and Architecture, Structure and generate the clash report and resolve in Navisworks manage software.

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| ***Professional Carrier 1 :*** |  |  |  |  |
|  Organization | : | **Mepax Engineers Private Limited – Bangalore.** |
| Duration | : | April 2011 to DEC 2013 |
| Designation | : | Electrical Draughtsman. |
| MEPAX, is one of leading Electrical Engineering Consultancy Services focused on Designing |
| and Drafting of Electrical services Drawings |  |  |
| ***Projects Handled:*** |  |  |  |  |
| Doha Land |  |  | - | Qatar |
| Denvar |  |  | - | Qatar |
| Hilton Riyadh Hotel and Residence | - | Saudi Arabia |
| NTCB |  |  | - | Bangalore |
| Dubai International Airport Expansion | - | Dubai (Deputed to **ETA –M&E – Dubai** for 6 months) |
|  (Phase-II) – Concourse 3 |  |  |  |  |
| KAFD |  |  | - | Saudi Arabia |
| Integrated health center & |  |  |  |
|  Workers hospital |  |  | - | Qatar |

**Overseas Deputation Experience:**

Deputed to : ETA Engineering pvt LLC, Dubai

Period : Aug 2012 to Jan 2013 (6 Months)

Nature of Work : Preparation of Electrical shop drawings

Designation : Electrical Designer.

Location : DUBAI.

 Project : Dubai International Airport Expansion (Phase-II)

***Responsibilities:***

Make a red line marks up from on site.

On site modification of shop drawings for upgrading to AS Built status.

***Activities and common responsibilities:***

* Preparing Electrical shop drawings in Small Power Layout.
* Preparing Electrical shop drawings in Lighting Layout.
* Preparing Electrical load schedule
* Preparing Electrical shop drawings in Fire Alarm Layout.
* Preparing ELV services such as the CCTV Layout & Telecommunication Layout.
* Preparing Electrical shop drawings in containment layout
* Preparing Electrical shop drawings in lightning protection
* On site modification of shop drawings for upgrading to AS Built status.
* Ensuring the Electrical services with respect to combined services (MEP Co-ordination layout)
* Site engineering co-ordination.
* Preparing RFI for the project.

***Software Skills:***

* AUTOCAD
* REVIT MEP
* NAVIS WORKS
* DIALUX FOR LIGHTING DESIGN
* MS-PACKAGE

***Educational Summary:***

Diploma in Electrical and Electronics Engineering.

B.Tech Electrical in Karnataka open university.

***Mission for upcoming year:***

With the trained Knowledge to play Electrical Engineer in a projects with high responsibility

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| ***Personal Details:*** |  |  |
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| Date of Birth | : | 18th JAN 88 |
| Gender | : | Male |
| Nationality | : | Indian |
| Marital Status | : | Single |
| Languages Known | : | Tamil & English |
| ***Passport Details:*** |  |  |
|  |  |  |
| Date of expiry | : | 15-02-2022 |
| ***Declaration:*** |  |  |

I hereby confirm that the information given above is true to the best of my Knowledge and belief.