**Rajkoti Ariga  
 CAD Engineer**

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**Objective:**

Seeking a challenging position to utilize and further enhance my technical skills and abilities that offers professional growth while being resourceful, innovative and flexible.

**Academic qualification:**

|  |  |  |
| --- | --- | --- |
| **COURSE** | **INSTITUTION, BOARD/UNIVERSITY** | **Year** |
| X Grade | APRS Board of Secondary  Education A.P | 2009 |
| XII Grade | Narayana Junior College, Board of Intermediate Education A.P | 2011 |
| B.Tech | National Institute of Technology Warangal A.P | 2015 |

**Experience:**

**Organization: Johnson Controls India Pvt.Ltd (TYCO India), Bangalore.**

**Designation: CAD Engineer** (Jun’18 to till date)

**Roles and Responsibilities:**

* Designing of Fire Alarm System as per UK standards BS5839 & NFPA 72.
* Preparation of as built drawings as per UK standards BS5839
* Preparation of schematic Drawing’s for Fire Alarm System & Security system.
* VESDA system design using Xtralis.
* Preparation of Battery Calculations using MX Designer.

**Organization: Shivam Electricals Pvt Ltd**, **Mumbai**

**Designation: Trainee Engineer** (May’16 – Mar’17).

**Roles and Responsibilities:**

* Preparation of wiring drawings for low voltage electrical panels(Star delta, DOL starter controlling, PLC, Power factor controlling etc..)
* Prepare bill of quantities(BOQ), Single line diagrams (SLD)

**Academic Projects:**

* Direct Torque control of 3 Phase Induction Motor ( Main project Aug’2014 –April’2015)
* Train accident alert using IR Sensors ( Mini Project in Jan – Feb’ 2014)

**Industrial visits:**

Vijaywada Thermal Power Station (Dr. NTTPS) *(May ’13)* Andhra Pradesh Generation Corporation Limited, India, which has a total installed capacity of 1760 MW, on “Overview of a Thermal Power Plant”

**Skills:**

* Auto CAD,VESDA, MX-Designer, MATLAB
* **Operating Systems:** Windows, Ubuntu.
* Basic Knowledge in C++, C, Python

**Declaration:**

I hereby declare that all the details mentioned above are true to the best of my knowledge.

(ARIGA RAJ KOTI)

