**OBJECTIVE:**

 To secure a challenging position where I can effectively dedicate my skills for the advancement of the company thereby to prove as an innovative **instrumentation design / control engineer**.

**ABOUT MY COLLEGE:**

 My college **Madras Institute Of Technology** is one of the four campuses of **Anna University Chennai, India**. MIT is fame for my Instrumentation Department which is the **first** of it’s kind in India which was started in 1949 and for our alumnus “The Missile Man” and the former President of India **Dr. A.P.J. Abdul Kalam**. MIT Instrumentation Alumnae have very strong presence in most of the leading core companies in India, Singapore, Malaysia and in Gulf countries.

**EDUCATIONAL QUALIFICATION:**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE** | **INSTITUTION** | **YEAR** | **% MARKS** |
| B.E. Electronicsand Instrumentation | Madras Institute of Technology,Anna University Chennai, India | 2012 |  80% |
| XII | Hebron Matriculation Higher Secondary School, Nagercoil, India | 2008 | 94.67% |
| X | Carmel Higher Secondary School, Nagercoil, India | 2006 | 95.4% |

**AREAS OF INTEREST:**

* **Design of feedback controllers (P, PI, PID)**
* **Design of control system for process with dead time, inverse response**
* Various control schemes used in industries
* Flow measurement
* Control valves

**SOFTWARE SKILLS:**

* LABVIEW - modelling
* MATLAB – SIMULINK tool box used for modelling

**INTERNSHIP:**

|  |  |  |
| --- | --- | --- |
| **NAME** | **DESCRIPTION** | **REQUIREMENTS** |
| Alarm annunciator usingCompact – RIO | Design of alarm annunciator using Compact-RIO and implementing the ISA sequences  | Compact-RIO kit, LABVIEWSoftware, alarms, LED displays |
| Boiler drum level Control | Modeling the differential equation obtainedfrom the industrial process | LABVIEW (NationalInstruments) |

**PROJECTS:**

|  |  |  |  |
| --- | --- | --- | --- |
| **COMPANY** | **PROJECT** | **TRAINING** | **DURATION** |
| ESSAR STEEL LTD,Hazira, Surat(Natural Gas basedIron Plant)  | Design of control systemfor an industry basedapplication Design of PLC logic  | Field instruments, PLC loops,DCS loops, P&ID diagramsDCS loops, PLC logics, totalprocess in Steel production  | 31 days |

|  |  |  |
| --- | --- | --- |
| **COMPANY** | **TRAINING ON** | **DURATION** |
| Ti Anode Fabricators Pvt. Ltd.Chennai, India | Innovation in Metals like Ti, Pt, Ta, Zr, Ni, Nb in HHO, Production & Electro-Chlorinator  | 72 days |
| Desalination Plant, CPCLChennai, India | Process of desalination of sea water, variousinstruments used in field, SCADA, control room | One week |
| Kanam Latex Industries Pvt. Ltd, Kanya Kumari, India | The complete process of manufacture of surgicaregloves, difficulties involved in manual production | One week |

**IN PLANT TRAINING:**

**CO-CURRICULAR ACHIEVEMENTS:**

* English Typewriting Junior and Senior grades – **First Class with Distinction**
* Have 100% success in **Group Discussions / Debates** conducted by various corporate companies and also have participated in **NDTV HINDU**, a leading tv channel in India
* **District Third** in the Maths Quiz in KanyaKumari District, India
* **Scholarships** from State and Central governments of India for my X and XII std marks
* Participated in various **PLC workshops** conducted in Anna University Chennai, India
* Several district level prizes in English typewriting with **Distinction**

**RESPONSIBILITIES UNDERTAKEN:**

* Taught around **80 hours** of placement training for various colleges in Tamil Nadu, India
* Organised Paper Presentation and workshops in **Intecho**, a National Level Technical Symposium conducted by Instrumentation Department of MIT, Anna University Chennai
* Presided as MIT hostel co-operative stores **representative**
* Had been **class committee member** during fourth semester in college
* Volunteer in **OPEN HOUSE** event conducted for Diamond Jubilee Celebrations of Madras Institute of Technology, **Anna University Chennai**, India
* Had lead parades in **NCC** classes

**EXTRA-CURRICULAR ACHIEVEMENTS:**

* **Sergeant** in National Cadet Corps - Army wing and got ‘A’ certificate with grade “A”
* Badminton **winners** in College Level Annual Sports Meet
* Attended two **state leve**l NCC training camps in Tamil Nadu, India

**HOBBIES:**

* Swimming & playing badminton
* Solving Sudoku

**PERSONAL DETAILS:**

**Date of birth:** 21-04-1991

**Sex:** Male

**Marital Status:** Single

**Nationality:** Indian

**Languages known:** 1) **English** (read, write and speak) - Excellent

 2) **Tamil** (read, write and speak) - Excellent

 3) **Hindi** (read, write and speak) - Basic

**DECLARATION:**

 I hereby declare that all the information furnished above is true to the best of my knowledge.



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