Abdul

[Abdul.244010@2freemail.com](mailto:Abdul.244010@2freemail.com)

|  |
| --- |
| Career Objective |

To succeed in an environment of growth and excellence where I can utilize my skills and talents for the betterment and success of the organization. To learn and earn professional skills which enables me to achieve personal as well as organizational goals.

|  |
| --- |
| Technical Experience |

**Dec 2013-Apr 2014** **ATIA-Advanced Training in Industrial Automation**

5 Month hands-on training at Technocrat Automation, Chennai in the following topics:

* **Programmable Logic Controllers**

Programming in Ladder Logic and FBD for Allen Bradley, Siemens, GE-Fanuc, ABB, Omron, Keyence brands of PLCs.

* **Supervisory Control and Data Acquisition(SCADA)**

Design and Simulation of various processes and interfacing with PLC inWonderware Intouch and Intellution Fix brands.

* **Distributed Control System(DCS)**

Programming in FBD and interfacing with MMI in ABB 800XA DCS.

* **Variable Frequency Drive**

Programming and Commissioning of VFD for variable speed control of induction motor.

* **Pneumatic and Field Instruments**

Sensors like RTD for temperature measurements, Orifice plate with DPT for flow measurements, Capacitive level sensors, Final control elements (FCE) like control valve and their interface with PLC.

Closed loop control in various controller modes like P,PI and PID.

* **MCC Panel and PLC panel wiring**

Motor control circuit operation and wiring and PLC panel wiring between the inputs and outputs

|  |
| --- |
| Education |

* **Bachelors of Engineering(BE) in Electronics and Instrumentation Engineering,** from Velammal Engineering College, Chennai under Anna University with a **CGPA of 8.7/10** and **University Rank of 22**, in the year **2014**.
* **Class 12**, from Kendriya Vidyalaya Air Force School, Akkulam, Trivandrum, **CBSE** syllabus with **95%** marks in the year **2010.**
* **Class 10,** from Kendriya Vidyalaya Air Force School, Akkulam, Trivandrum , **CBSE** syllabus, with **95.8%** marks in the year **2008.**

|  |
| --- |
| Additional Qualification |

* **GATE**(Graduate Aptitude Test in Engineering**) 2014, Instrumentation**. Qualified with an All India Rank of 452 and Score of 481 and **97.97** **Percentile.**

|  |
| --- |
| Personal Skills/ Competencies |

* Adaptable and trustworthy.
* Logical thinking and decision making.
* Strong Passion for Technology and learning

|  |
| --- |
| Area of Interest |

* Process Control and Instrumentation
* Industrial Instrumentation.
* Digital and Analog Electronics.

|  |
| --- |
| Technical Skills |

**Hardware**

* Knowledge of basic electronic components and circuits.
* Hands on knowledge on PLC, SCADA, VFD, Field Instruments and DCS.
* Operational knowledge on 8051 microcontroller

**Software**

* Basics of **NI-Labview**, MATLAB ,Keil-C and NI-Multisim.
* Basics of C and C++, Java/J2EE.

|  |
| --- |
| Industrial Trainings |

* At **Perambur Loco Works** ,Southern Railways, Chennai.
* At **BSNL** on the topic 'Basics of Telecom' at RGMTTC, Chennai.
* At **DCW Ltd**(Dhrangadhara Chemical Works), Thoothukudy, TN.

|  |
| --- |
| Technical Workshops |

* Workshop on **'Basics of** **Robotics'** at VELS University, Chennai organized by **IIT-Kanpur.**
* **National Instruments** certified workshop on **'Core-1 and Core-2 LABVIEW'** at Velammal Engineering College, Chennai.

|  |
| --- |
| Academic Achievements/Honors |

* **1st position** in Paper Presentation at **NIT-Trichy** and **2nd position** at RMKEC, Chennai.
* **1st position** in 'Turn Coat Debate' at VEC, Chennai
* **1st position** in the second semester examination in the Department of EIE.
* **4th Position** in Circuit Designing Contest at **NIT-Trichy.**
* Finalist for the Industrial Development Problem event at **IIT-** **Kharaghpur.**
* Presented the paper titled 'Water Quality Control in Pisciculture' in a **National Conference** at VEC.

|  |
| --- |
| Co-Curricular Activities |

* Was the **student coordinator** for the 'Circuit Debugging Event' at MEACON 13 the Annual department symposium
* Active member of Maths-Club and E-Cell.
* Was the **School Pupil Leader** in class 12th.

**Academic Project**

* **Remote Access Laboratory.**

The goal of this project is to develop a platform independent web based remote access system , so as to access a laboratory set-up pertaining to control engineering wherein different controller modes are implemented using a PLC. This would assist educational institutions to gain access over complex lab/research facilities which they are unable to afford.

|  |
| --- |
| Personal Details |

Date of Birth 29-05-1992

Nationality Indian