Anju Raja Ram

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Westland, Michigan 48185

Career Objective

To embark upon a career which satisfies my creativity and to be associated with a company wherein my growth is boosted along with the growth of the company

Education

Bachelor of Technology – Electronics & Communication Engineering   Apr 2009 – May 2013
Cochin University of Science and Technology   *Ernakulam, Kerala, India*

Skills

- *Programming Languages:* Python, C, C++
- *Instrumentation:* MATLab, LABView
- *OS:* Windows, Linux
- *Working knowledge of AWS and Azure*

Projects

Analysis of laser beam profiles for quantifying quality of laser beams
- Implemented using MATLAB (image processing) and LABview (Automation of the mechanical setup)
- Image of the laser beam was captured using CCD cameras and processing done to determine the width of the laser beam thereby quantifying the quality of the laser beam
- Automation of the setup for capturing the images

Smartcard based bus fare system
- Create a system that helps passengers purchase tickets using smart cards
- Implemented using embedded C
- Hardware used - Zigbee, RFID

Certifications

Automation certification (PLC, SCADA, DCS)
JRD TATA AUTOMATION TRAINING CENTRE, Honeywell Automation India Limited
- PLC- ML 200R Programming (SOFTMASTER), Configuration ,Troubleshooting and maintenance
- DCS: EPKS (Experion Process Knowledge Systems) using C200 and C300 controllers which include working on Configuration studio, Control Builder and knowledge builder (Honeywell).EPKS R400/R410 installation
- SCADA: HMI web Display Builder, Display Builder (Honeywell).
- BASIC INSTRUMENTATION: Control system, Sensors & Signals, Computer Networks

Post Graduate Diploma in Industrial Automation
SMEC Automation Pvt Ltd, SMEC Labs, Kochi
- Programmable Logic Controllers (PLC) – ALLEN BRADLEY 1400 SERIES B , SIEMENS S7-200 , GE FANUC VERSAMAX , MODICON TWIDO ,DELTA DVP 14SS ,OMRON CP IE ,TELEMECHANIQ ZELIO , MODICON M340
- Supervisory control and Data Acquisition Systems (SCADA)-WONDERWARE INTOUCH V 10.0 ,GE FANUC IFIX V 5.0, SCHNEIDER CI TECT 7.1 ,FACTORY TALKVIEW ,SIEMENNS WIN CC
- Variable frequency drives(VFD)- TELEMECANIQUE ALTIVAR – 28,38 &58 SERIES ,ATV7 1
- Human Machine Interface(HMI)-TELEMECANIQUE MAGELIS XBT-GT (TOUCHSCREEN),XBT-N