**HARISH BABU MUKKARA**

Highly potential result oriented professional with experience in Automation and Dexterity in Industrial Automation targeting challenging assignments in Application Programming, Designing & Development with a Perception & utmost Dedication towards work with a highly reputed Organization

MOB.PNGMail.PNG harish.mukkara.seba@gmail.com +91-9666757815

**Capture.PNGProfile Summary­­­­**

* B.Tech (Instrumentation) with an experience of 2 years in Industrial Automation and Dexterity in Application Programming, Designing & Development
* Managing Industrial Automation Projects by using different brands of PLC, HMI & SCADA software's like General Electric, Siemens, Schneider Electric and Mitsubishi.
* A key member of the organization being reliable & result oriented of the task Employed
* Always push myself to give an Efficient, Economical and Easy Design & Development solution for the Process or an Application based upon the Requirement
* Effective communicator with excellent relationship management, interpersonal & problem solving skills

**Core Competencies**

HMI PROGRAMMING

SCADA Designing

Application Development

PLC PROGRAMMING



HVAC PROGRAMMING

Industrial Automation

Panel Wiring

FIELD INSTRUMENTS

 **Work Experience 70%**



**July 2014 – Till date** with MIDAS Automation Solutions**,**

Bangalore as **Application Engineer**

**Responsibilities:**

* Industrial Automation Projects by using different brands of PLC,

HMI & SCADA software's like General Electric, Siemens, Schneider Electric & Mitsubishi.

* General Electric PAC Systems like 90-30, 90-70 series
* Rudimental Knowledge on General Electric MES Platform **30%**
* GE Panel-View for HMI Designing and Cimplicity Tool for SCADA
* Handling projects using Siemens Simatic S7-300, 400 & TIA Portal V13
* Accomplished projects utilizing Schneider Electric - Programmable Logic Controller
* Projects by adopting SoMachine for PLC and Vijeo Designer for HMI
* HVAC Application and Development by utilizing Schneider SoHVAC software
* Projects on Mitsubishi Controllers incl. FX Series by employing GX Developer
* Control Panel wiring of PLC panel from field to CCR
* Rudiments of NI LabVIEW software & Automation Test Equipment tools like myDAQ, RIO.
* Communication Protocols like Ethernet, EtherCAT, TCP/IP and Serial RS232-RS485.
* Always have been assigned to be result oriented of the task employed

**Jan 2014 – June 2014** in Karnataka Power Transmission Corporation Limited

(KPTCL) Bangalore as **Graduate Trainee**

**Responsibilities:**

* Procured Rudimental knowledge about Substation Equipment’s
* Testing of Protective Relays which includes Distance, Differential & Backup Relays **100%**
* Testing and Troubleshooting of Circuit Breakers
* Testing and Commissioning of HT & LT Transformers
* Single line diagram, Switchgear Panel wiring and troubleshooting

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| **ski.pngProjects organized:** |
| * **Project:** Grain Cleaning and Grading System.   saty.jpg PLC: Simatic S7-1200 Series  HMI: Siemens 12” KTP1000  I/O’s: DI’s-60 DO’s-40  Responsibility: PLC & HMI Programming, Commissioning and Troubleshooting.  End Users: M/s. Satyam Rollers Flour Mills Pvt. Ltd |
| * **Mani.PNGProject:** Controlling and Monitoring of 7 Operation Theatres.   PLC: Schneider Electric M168 PLC  HMI: 3.4” Touch Screen Schneider Electric HMI  I/O’s: 12 DI’s, 15 DO’s, 8 AI’s, 5 AO’s.  Responsibility: PLC & HMI Programming, Commissioning and Troubleshooting. End Users: Manipal Hospitals, Mangalore. |
| * **brigade_250.gifProject:** MLCP Fire & Safety.   PLC: Schneider Electric M218 PLC  I/O’s: 2 DIs, 48 DO’s, 15 AI’s Used.  Responsibility: PLC Programming, Commissioning and Troubleshooting. |
| * **shoba.PNGProject:** Basement Ventilation System.   PLC: Schneider Electric M218 PLC  I/O’s: 2 DI’s, 32 DO’s, 9 AI’s are used.  Responsibility: PLC Programming, Commissioning and Troubleshooting. |
| * **Huwai.jpgProject:** MLCP Ventilation & Fire safety.   PLC: Schneider Electric M218 PLC  I/O’s: 2 DI’s, 20 DO’s, 6 AI’s Used.  Responsibility: ­­PLC Programming, Commissioning and Troubleshooting. |
| * **Project:** AHU Temperature and Humidity Controlling.   bosch.jpg PLC: Schneider Electric Modicon M168 HVAC PLC  Tool: SoHVAC V 3.0  HMI: 3” Schneider HMI  I/O’S: 4 DI’s, 10 DO’s, 2 AI’s.  Responsibility: PLC Programming, Commissioning and Troubleshooting. |
| * **Project:** Automatic Carbon Coating Unit.   bel.png PLC: GE Fanuc VersaMax MICRO PLC  HMI: 6” Touch Screen Delta HMI  I/O’S: 40 DI’s, 24 DO’s, 4 AI’s 2AO’s.  Responsibility: PLC & HMI Programming, Commissioning and Troubleshooting. |
| * **hond.pngProject:** Boring Machine Equipment.   PLC: MITSUBISHI MELSEC  I/O’S: 30 DI’s, 10 DO’s.  Responsibility: PLC Programming, Commissioning and Troubleshooting.   * Moreover I have involved in some projects as a Service Engineer and Application Development as per demand by using my experience in PLC (Proficy Machine, SoMachine, SoHVAC, Simatic-S7, TIA Portal, GX-Developer), HMI (Vijeo Designer, Quick Panel) & SCADA (Cimplicity, Intouch) tools. |
| **Acadamics:**   * **2013:** B.TechinElectronics and Instrumentation Discipline from RGMCET at Nandyal, Andhra Pradesh**.** * **2009:** Pre-Universitywith Math’s as Stream in Sri Pratibha Junior College at Ongole, Andhra Pradesh. * **2007:** Schooling in Damodara Public School at Ongole, Andhra Pradesh.   download (1).png **Computer Skills:**  Languages : C & Embedded C - KEIL.  Packages : MS Office.  Designing tools : Photoshop, Picasa & Paint.  Operating Systems : Windows - XP, 7, 8 & 10.  **Personal Details**  Name                      :     M Harish Babu.  Fathers name            :     M Narasimhulu.  D.O.B                          :       10-06-1992.  Nationality           :       Indian.  Languages             :       Telugu [Mother Tongue], Kannada, Hindi, Tamil & English.  Hobbies                   :       Reading novels, Listening music & Bowling.  Interests                   :      Exploring New Technologies, Designing, Agriculture & Stocks.  PAN                     :       AIWPH0430M.  Address                 :       No: 308, 16/7, Sri Sai PG,  1st Main, 6th Cross, Gayatri Nagar,  Bangalore-21, Karnataka, 560021  linkedin.png : Harish Babu Midas Automation Solutions  : https://in.linkedin.com/in/harish-babu-seba    **DECLARATION:**    I hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief.      Date:  Place: **M.HARISH BABU.** |