



Vikas kumar soni

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OBJECTIVE

To obtain a challenging position in a high-quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.

CURRICULAR DETAILS

▪ B. Tech / electronics & instrumentation, CIITM, (JAIPUR)	58%	2010
▪ Class XII, M.P BOARD, R.C SCHOOL, CHACHAI (M.P)	68%	2006
▪ Class X, M.P BOARD, R.C SCHOOL, CHACHAI (M.P)	50%	2004

EMPLOYMENT HISTORY (6 + years)

Currently working as a Product Specialist (A&S) & Application engineer at PIMA Controls Jaipur branch : joined on December 2014 to present

- Work with Project Team as a Programmer.
- Attend service Call related to **Allen Bradley Rockwell automation**.
- Support commercial engineering team.
- Optimized Automation BOM as per customer requirement.
- Work on industrial automation Projects.
- Provide solutions & support to OEM, system integrator.
- Provide trainings & presentations on Products PLC, HMI, and SCADA NETWORKING as per customer requirement.

Company website: - www.pimacontrols.com

Previously worked as an Application Engineer and SIEMENS SITRAIN INDIA trainer at Siemens A.T.C north at JOHNS Electric Co. Jaipur (R.J): June 2013 to December 2014

- Work as SIEMENS specialist Project engineer.
- Give training conducted by **SIEMENS SITRAIN** India.
- Work on automation (PLC) panel as a Commissioning engineer.
- Go for service calls regarding PLC, Drives & Automation.

Company website: - www.johnselectric.in

Prior to this worked as a Service Engineer and Trainer at ELMECH INDUSTRIES, Raipur (C.G)

From: August 2010 – June 2013

- Worked on automation and Network engineer in different projects.
- Attend service calls
- Commissioning engineer
- Give training to industrial personals as well as college student.

- Company website: - www.elmech.co.in

Totally I **have 6+ years'** work experience.

SKILLS / EXPERTISE Details (technical)

- **PLC AB:** - Allen Bradley Micro Logix family & SLC with RS Logix 500, and Compact Logix & control Logix with Studio 5000, also in Micro 800 series with CCW.
- **SIEMENS** s7-200- with step-7 micro win, S7-300, S7-400,S7-400H - SIMATIC manager also in TIA S7-1200,S7-1500 with TIA PORTAL SOFTWARE ,LOGO PLC with logo soft .

Also, can work on **Schneider** PLC using Twidosuite, **G.E Fanuc** with versa soft, and **Mitsubishi** PLC with WPL.

- **HMI:** - In Allen Bradley Be able to work in penal view standard with penal builder 32 & PV component with design station also panel view plus with FT view ME,
In SIEMENS SIMATIC PANEL Micro, SIMATIC PANEL70 / 170 with Wincc flexible & TIA Portal.
- **SCADA:** - RS view32, FT VIEW SE, Invensys wonder ware, Wincc Explorer 2008.
- **DRIVE:** - Allen Bradly pf4,40,440,753,525,523 and in Siemens work in micro master G130, G120,s120, also able to configure L&T, Danfoss and delta drives..
- **Industrial communication protocols:** -during the project execution worked on several protocols Profibus, profinet, MPI, Modbus, modbustcp,dh485,EthernetIP,controlnet, Device Net with RS Networks, HART with Siemens S7-300, and completed **CCNA** from H.C.L Jaipur.

- **Switchgear:** - Worked on IMCC (SIEMENS-SIMOCODE, AB-E300 Relay), ACB, VCB in Profibus communication.
- **Power management:** - Installed and commissioned M.D controllers Could be able to do Central Metering using **HMI** or **SCADA** using Modbus and other protocol, be able to commission auto mains changeover controller **AMF**(deif), Commissioned synchronizing Panel using deif AGC 242 module and **APFC** relay also, worked on EMS & BMS Project
- **Design:** - AutoCAD Electrical

Recent PROJECTS (Overview)

- Programmed and commissioned compact Logix with device net and SEW Servo at Tata blue scope Bhiwadi.
- Programmed and commissioned compact Logix in P&G leaser Welder Machine.
- Program and commissioned **Pneumatic ash handling** 13 system with S7 300 313C controller and HMI TP177B at Sharda steel Raipur.
- Worked on Water Treatment Plant at PHED Jaipur.
- Worked on Waste Water management Project for Textile mills using S7-314 CPU
- Worked on Hindustan Copper Hoisting Machine Using S7-1200 with Touch Panel.
- Worked on Data Monitoring EMS Project at Eicher-Polaris Jaipur Plant.
- Work with **ML 1400 PV 600 component** on grease injection system at century cement THILDA
- Programmed and commissioned PLC (compact Logix L33), HMI(Panel View plus 1000) panel for a 42 ESP rapper control system at **PRAKASH INDUSTRIES LTD. CHAMPA (C.G)**
- Commissioned **s7-300** with HMI and SCADA communicating with G120 drive using Profibus network at lafarz Chittorgarh plant
- Worked with S7 400H at SAIL Asansol Rolling Mill .
- Worked on s7 400H at Ford Chennai.
- worked on compact Logix & control logix Using **RSLogix 5000** at Indian boiler at C.G
- Developed packing machine program with **PV 600 & ML 1400** at SURUCHI foods Noida .
- **Installed SIEMENS s7 1200** Ram Bricks Manufacturing Company.
- Programmed S7-1500 with G120 on PNET at PRABHAT pipes Raipur.
- commissioned **power flex 40 with CMX L24 Modbus communication** at century cement THILDA
- Programmed compact Logix with FT View SCADA in a pellet plant controlling at GR metallic Raipur.
- Worked on of AB I/O panel for aluminum ore baking process at **Vedanta (Orissa).**
- Designed and commissioned several MCC,PCC panel
- Commissioned synchronizing module at A-CLASS marble at kishangar (**Raj.**)

COMMUNICATION SKILLS

- Given seminar at **Rajasthan technical university KOTA** on industrial automation
- Delivered knowledge of industrial automation in many collage and job fairs
- Trained industrial personals in corporate training by SIEMENS. (**FORD CHENNAI, SAIL IISCO ,SAIL BHILAI, ONGC VADODARA,PETRONET BHARUCH ,TATA JAMSHEDPUR ,NALANDA Explosive etc**)
- Can speak **Hindi, English & German** language

EXTRA-CURRICULAR ACTIVITIES & INTERESTS

- Won prizes on athletics at the school.
- Won Prize on Robot Race by Kaizen Robonics.
- Won man of the match VKIA Jaipur football league
- Participated at stone mart **JAIPUR** with CDOS RAJASTHAN

OTHERS

- Be able to drive two-wheeler as well as four wheeler.
- Can do costing of a panel.
- Work as an engineer as well as management personal.
- Made presentation for several topics and given mass presentations.