

RESUME

SANGLE RAKESH RAJENDRA

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Personal Details

Permanent Address: Shanta Heights-B, Flat no-4, Near Kulkarni Hospital, Warje Jakat Naka, Pune,
Pin Code 411058 Maharashtra, India.

Marital Status: Married

Date of birth: 15th August 1994

Nationality: Indian

Educational Credentials

Bachelor of Engineering in Electronic and Telecommunication with First Class from Pune, Pune University Maharashtra India

I have successfully completed certified ADVANCE training in INDUSTRIAL AUTOMATION and ROBOTICS Which include multiple PLC'S, ABB ROBOT and IEC Standard Programming.

I have also completed SITRAIN Training for Industry Which include ADVANCE AUTOMATION WITH S-400 PLC (Including H/F System)

Position Sought

PLC / SCADA / System Engineer / Application Engineer

Summary

Overall 4 years and 6 months of experience in the field of Industrial Automation. 40+ Projects and applications done. Only few Projects and application I mentioned in thesees CV.

Worked on different processes like Pharma, Biotech, Boilers, Mixers and Automotive.

Knowledge about:

SIEMENS: - MicroWIN Step 7 (Version 4.0) PLC S7-200, Simatic Manager Step 7 (Version 5.5 & V5.6) PLC S7-400H System, S7-300, S-1200, S-1500 TIA Portal (Version 13, V14 & V15), WinCC SCADA (Version 7.2 & V7.4), SIMATIC WinCC flexible 2008, SINAMIC S-120, G-120 (STARTER Version 5.3).

DELTA: -WPL Soft (Version 2.42 & V2.46) PLC SS2, SA2, SV2, SX, ES2, EX2, EH3 Series, DOP-Soft & TP Editor (Version 2.00.07 & V1.60) HMI Series TP Text, DOP-B, DOP-A, VFD- Soft (Version 1.57 & V1.58) VFD Series E, B, VE, S, M, MS-300, C-200, C2000, ASDA- Soft (Version 4.08.09 & V5.4.0.0) SERVO Series A2, B2

PANASONIC: - PANATERM (Version 3.70.3 & V6.0) SERVO Series E, A4, A5, A6

Employment History

1-Name of Company
Company Profile
Designation
Current Duration

COTMAC ELECTRONICS PVT. LTD. PUNE
Domestic and Global in Automation
System Engineer
July 2018 to Present

2-Name of Company
Company Profile
Designation
Duration

PMP AUTOMATION PVT. LTD. PUNE
Domestic Automation
Application Engineer
September 2016 to July 2018 (23 Month)

3-Name of Company	Automation and Control Systems Ltd. PUNE
Company Profile	Domestic Automation
Designation	Engineer Internship
Duration	June 2016 to August 2016 (3 Month)

Roles In Projects

- a) Kickoff Meeting with Client
- b) Work Authorization Sheet & Project Document
- c) Program Developed in FBD/ladder/STL, Logic Testing & Modification. Implementation of Static and Dynamic SCADA Graphics
- d) Communications Protocols Profibus & Modbus TCP/IP, RS-232/485
- e) Hardware Installation at site and power up Control panel
- f) Attending FAT, SAT, Commissioning the Site
- g) Get the Work Done from The Team
- h) Handling a Team with Proper Planning and Project Allocation

Handled Projects in Cotmac Electronics pvt. Ltd.

Project Name: Steam Boiler System

End User: Finolex Industries Ratnagiri Maharashtra

Platform: SIEMENS Simatic Manager CPU 315, IM-153, CP-341 with Redundancy

Scope of project:

- a) Installation of PLC System & Development of logic
- b) Modbus RS485 Communication with Yokogawa DCS
- c) Configuration of Hardware. Charge up PLC Panel Testing and Commissioning

Project: Grinder Mixer System

End User: Vikram Sarabhai Space Center (VSSC), Thiruvananthapuram, Kerala

Platform: SIEMENS Simatic Manager CPU IM151, SINAMICS G120 with WinCC V7.2

Scope of project:

- a) Installation of PLC System & Development of logic
- b) Development of WinCC Graphics & Configuration of Hardware
- c) Parameter setting in VFD as per application
- d) Charge up PLC Panel Testing and Commissioning

Project: 1600 KLD ZLD (Water Treatment Plant)

End User: Honda Car India Ltd, Tapukara, Rajasthan

Platform: SIEMENS Simatic Manager CPU 1512, IM-155 with WinCC V7.4, KTP700 Basic

Scope of project:

- e) Installation of PLC System & Development of logic
- f) Development of winCC Graphics & HMI Screen
- g) Configuration of Hardware. Charge up PLC Panel Testing and Commissioning

Project: Infrared Softening System

End User: Bajaj Auto Ltd., Pune, Maharashtra

Platform: DELTA WPLSoft CPU SE with WinCC V7.4

Scope of project:

- h) Installation of PLC System & Development of logic
- i) Development of winCC Graphics & Configuration of Hardware
- j) 3rd Party Communication PLC & SCADA
- k) Configuration of Hardware. Charge up PLC Panel Testing and Commissioning

Project: line leak detection systems

End User: Indo Schottle, Pune, Maharashtra

Platform: SIEMENS Simatic Manager CPU 1214C with CP 1242

Scope of project:

- d) Installation of PLC System & Development of logic
- e) Configuration and Settings of GSM Module
- f) Configuration of Hardware. Charge up PLC Panel Testing and Commissioning

Project Name: Demineralization (DM) Water Treatment Plant**End User:** Finolex Industries Ratnagiri Maharashtra**Platform:** SIEMENS Simatic Manager CPU 315, IM-153, CP-341 with Redundancy**Scope of project:**

- g) Installation of PLC System & Development of logic
- h) Modbus RS485 Communication with Yokogawa DCS
- i) Configuration of Hardware. Charge up PLC Panel Testing and Commissioning

Project: Gear Grinding Machine**End User:** Cummins India Ltd., Pune, Maharashtra**Platform:** SIEMENS Simatic Manager CPU 314 with KTP700 Basic**Scope of project:**

- l) Installation of PLC System & Development of logic
- m) Development of HMI Screen
- n) Configuration of Hardware. Charge up PLC Panel Testing and Commissioning

Project Name: LPG Gas Line Installation**End User:** Finolex Industries Ratnagiri Maharashtra**Platform:** SIEMENS Simatic Manager CPU 315, IM-153, CP-341 with Redundancy**Scope of project:**

- j) Installation of PLC System & Development of logic
- k) Modbus RS485 Communication with Yokogawa DCS
- l) Configuration of Hardware. Charge up PLC Panel Testing and Commissioning

Handled Projects in PMP Automation pvt. Ltd.**Project: Electrical insulation tape manufacturing machine.****Platform:** DELTA WPLSoft CPU SV2, Servo Drive with HMI**Scope of Project:**

- a) Development of HMI Screens
- b) Parameter setting in Servo Drive
- c) Simulating Logic and HMI Screens Testing with Controller, Configuration of Hardware
- d) Conduct FAT and SAT, Commissioning Plant

Project: Auto, Semi-Auto Cutting Machine**Platform:** DELTA WPLSoft CPU SA, VFD E Series with HMI.**Scope of Project:**

- a) Development Logic in LD and HMI Graphics.
- b) Graphics Testing with Controller, Configuration of Hardware.
- c) Modbus Communication (RS232/485) for VFD, Commissioning plant

Project: Foreign Press Machine.**Platform:** DELTA WPLSoft CPU ES2 with HMI**Scope of Project:**

- a) ES2 PLC Logic Development
- b) Simulation Logic with HMI Graphics Testing with Controller, Configuration of Hardware
- c) Conduct FAT and SAT, Commissioning the plant

Project: Paper Cup Making Machine.**Platform:** DELTA WPLSoft CPU SS2, VFD with HMI.

Duration: 45 Days

Scope of Project:

- a) SS2 PLC with HMI Logic and Graphics Development
- b) Simulation Logic with HMI Graphics Testing with Controller, Configuration of Hardware
- c) Modbus communication (RS485) for Temperature Controller And VFD, commissioning the plant

Project: Milk Powder Machine.**Platform:** DELTA WPLSoft CPU SV2, VFD with HMI.**Scope of project:**

- a) Development Ladder Logic & HMI Screens
- b) Modbus (RS332/485 / TCP/IP) Communication for Temperature controller
- c) Using PID Block & Commissioning the plant

Project: Filling and labeling machine

Platform: DELTA WPLSoft CPU SA, Servo Drive with HMI.

Duration: One Week

Scope of Project:

- a) Logic and Graphics Development
- b) Modbus RS232/484 Communication for Compressor HMI
- c) Parameter Setting in Servo Drive
- m) Configuration of Hardware. Charge up PLC Panel Testing and Commissioning

Project: Bearing Machine.

Platform: DELTA WPLSoft CPU EH3 with HMI

Scope of project:

- a) Development Control Ladder Logic & HMI Screens
- b) Configuration alarms & trends.
- c) Modbus RS232/484 Communication for Load Cell
- a) Testing and commissioning the plant

Skills and Knowledge Acquired Through Education and Experience

- a) Computer/Technical Literacy
- b) Flexibility/Adaptability/Managing Multiple Priorities
- c) Problem-Solving/Reasoning/Creativity

Functional Skills

- a) Application Packages/ Operating systems - Microsoft Office/Windows, Linux.

Personal Interests

- a) Playing Cricket
- b) Listening Music

Undertaking

I hereby declare that the information furnished above are true to the best of my knowledge and that I shall do the best of my efforts.

Place: Pune, Maharashtra

Date:

Signature
(SANGLE RAKESH RAJENDRA)

