

Mayank Doshi

Project Engineer - Digital Manufacturing

👤 Profile Summary

Seeking a challenging technical position with in a progressive environment with opportunities for professional growth based on performance and accomplishments.

📁 Employment History

Project Engineer - Digital Manufacturing at Logicon Technosolutions Pvt. Ltd, Pune

Nov 2021 — Present

Responsible for the solution consulting, design consideration, engineering development, documentation and for the planning & scheduling to execute the project within the deadline with the optimized solution delivery to satisfy the client requirements.

- Assist in the design consideration and product selection for the Industrial Automation projects .
- Draft and implement overall operational plans for project completion within time specifications
- Engineering development considering PLC logic, SCADA/HMI application and IT solutions by coordination with IT team.
- Provide technical and engineering support to the execution and site engineers team.
- Learning, Adapting and getting aware of new software skills which helps in the Industrial Automation and IT solution delivery.
- Understand the client requirements and Design the N/W & Solution Architecture
- Take action where needed to support departments during time delays, incidents of shutdowns or any other occurrences requiring high-level interactions

Projects Delivered - Batch Process Automation, Statistical Process Control, Loss Capturing Automation, Smart Cascade, Warehouse Management, Statistical Process Control, Minor Dosing, Batch Reporting etc.

Valeo India Pvt. Ltd.— Trainee Engineer

Nov 2020 - Mar 2021

- supervising and improving production.
- repairing equipment.
- managing budgets.
- Analysis of the production and machine lag stages for further improvements.
- Troubleshoot the electrical , mechanical and instrumentation problems.

Projects Delivered - RENAULT, MARUTI, Lucas - TVS Sonalika

Personal Details :-

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Email-
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Nationality - Indian

Marital Status - Single

Skills :-

Leadership

Quick Learner

Confident & Patient

Pressure manegment.

Technical/Software Skills :-

Network Architecture Building
Studio 5000

FT View Studio

SSRS Reporting

FT Vantage Point

KeypserverEX

Ignition SCADA

Thinmanager

MS Office

MS SQL

Certificates :-

comprehensive
course in
industrial
automation.

Thin Manger.

MSETCL 132Kv substation in
training .

Studio 5000 Rockwell.

In training

transform designing.

Languages :-

English, Hindi, gujarati and
Marathi

AWARDS :-

In diploma college first
rank in my department
-2017

Projects Delivered

➤ **Smart Cascade - Digital Project at Hindustan Unilever Ltd.**

Worked as project leader and executed this project at the 4 factories of HUL with the execution team, to pull the shop floor data of production into the Azure IoT Hub.

- Documentation, like Site Survey, Factory Security Design and Cyber asset register designed by HUL.
- Study of existing network and design of the new proposed network architecture to communicate all the different series network PLC controller with the OPC server.
- Industrial managed switch configuration for the VLAN Routing and NAT features.
- PLC logic development and Tags configuration of the PLC in the KepserverEX.

➤ **MACHINE Monitoring , LCA (OEE , MTTR & MTBF) & SPC at Hindustan UnileverLtd , Chiplun , Gabriel .**

Worked with the IT team, to deliver the solution for the SPC ,LCA, OEE calculation of Packing lines/ Machines and Report generation.

- Collects the plant machines data using the multiple OT platforms like kepware, FTTM & FTM and moves them into the database.
- Web portal development to Visualize the real-time OEE, Production data, and Live Losses of the packing machines and Report generation as Production report, Loss detail Report, and Dashboard.

➤ **Equipment Data Logging and Monitoring System at Gulbrandsen Ltd.**

Worked with Team, to deliver the solution for Monitoring, Data logging and Reporting of the Pharmaceutical Equipment at gulbrandsen, Gujarat site.

- Tags configuration in the KepserverEX using the AB, Siemens, Mitsubishi, Modbus and OPC UA driver to configure devices(PLCs).
- FT View Studio SE(Network Distributed), SCADA development for the Monitoring and Reporting.
- Conditional Data logging in the FT Historian and MS SQL using FT Transaction Manager,
- Report development using SSRS tool, like Batch Report, Event Report, Alarm Report, Audit Report and Trend Report by coordinating with the IT team.

➤ **OEE - Loss Capturing Automation at Hindustan Unilever Ltd.**

Worked with the IT team, to deliver the solution for the LCA, OEE calculation of Packing lines/Machines and Report generation at 3 factories of the HUL.

- PLC logic development to capture the Production data, Machine Downtime and Losses.
- FT Metrics and FT Transaction Manager configuration for the Loss data, Production data logging on the event based in the MS SQL server.
- Web portal development to Visualize the real-time OEE, Production data and Live Losses of the packing machines and Report generation as Production report, Loss detail Report and MMP report.

➤ **Batch Process Automation of Powder Plant at Hindustan Unilever Ltd.**

Worked with team, for the Installation and commissioning of the Rockwell's PlantPAX DCS System for the Batch Automation of Powder plant at HUL's Haldia Factory.

- Logic development in the Studio 5000 using PlantPAX Library for the ControlLogix 1756-L74 Controller for the auto batch sequence as per the recipe & SCADA development in FT View Studio SE.
- Powerflex 525 & 753 VFD configuration, IO testing, Interlock testing and Final commissioning.

➤ **Energy Meter Read value with scheinder EGX at Hindustan Unilever Ltd.**

- Energy Meter Parameter value read in kepware and upload on Azure.

Education

BE in Electrical Engineering , Pune University, JSPM BSIOTR Pune

Year of passing - 2020, CGPA-6.59

Diploma in Electrical Engineering, SVIP Latur

Year of passing - 2017, Percentage - 72.79.

SSC, MH State Board,Shri Keshavraj Madhyamik Vidyalaya

Year of passing - 2014, Percentage - 89.64

Declaration

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

Mayank B. Doshi