

# SHALIN SILVA THOMMANA

Dubai, UAE | +971 56-589-5948 | [shalinsilva15@gmail.com](mailto:shalinsilva15@gmail.com) | [linkedin.com/in/shalin-silva/](https://www.linkedin.com/in/shalin-silva/) | Portfolio

## PROFESSIONAL SUMMARY

---

Continuous Improvement and Product Automation Specialist with 5 years of experience in delivering high impact process transformation projects and developing scalable automation solutions for configurable products through data & logic-driven approach in a high-mix, high-volume manufacturing industry. Focused on improving operational efficiency and customer lead times by reducing non-conformances and manual effort.

## SKILLS

---

**Methods:** Lean Six Sigma, Project Management, Design Thinking, Logic-Driven Systems, Scrum, Process Mapping

**CAD:** SolidWorks, DriveWorks Pro, AutoCAD, Fusion 360

**Data:** Excel, VBA, Power BI, MS SQL Server, MS Power Automate, MS Visio, Minitab, MS Word

**Governance:** Jira, BigPicture, Confluence, MS Project, MS Planner, Epicor Kinetic, SAP Ariba

**Soft:** Accountability, Adaptability, Leadership, Clear & Concise Communication, Cross-Functional Collaboration

## WORK EXPERIENCE

---

### Product Automation Specialist, Axis Lighting, Montreal, Canada

Oct 2024 – May 2026

- Designed 3D models and 2D drawings in SolidWorks with variable-driven logic in DriveWorks for 83 products, reducing average shop drawing time from 1.3 hours to 6 minutes.
- Developed an Excel tool to calculate and summarize data for complex products, reducing data-related non-conformances from 24.6% to 9.1%.
- Led a Lean initiative to centralize version-controlled product data in SolidWorks PDM, reducing client submittal drawing time from 7.5 days to 5 days for complex fixtures.
- Created an Excel tool to calculate voltage and driver currents for series/parallel PCB connections.
- Performed CAD and automation data testing for new product releases prior to production deployment.
- Resolved 2,387 Jira tickets related to CAD and SQL issues to support sales orders and production flow.
- Developed Jira dashboard to provide visibility of current, late, and future tasks for the Engineering team.
- Maintained Jira issue backlog by assigning data/logic-related tickets to IT and Automation teams.
- Managed technical data across configurators and SQL databases to support accurate information flow.

### Manufacturing Project Coordinator, Axis Lighting, Montreal, Canada

Oct 2022 – Sep 2024

- Led an Engineering Data initiative by implementing centralized SQL and C# architecture for automated drawing generation in DriveWorks, reducing non-conformances from 29.5% to 5.1% within 18 months.
- Governed Shop Drawing Validation project by establishing a validation team with verification tools and SOPs, reducing post-production issues from 79% to 7%.
- Developed an Excel tool to calculate mechanical and electrical data for linear products, eliminating 49 Excels and two legacy software's while reducing non-conformances from 7.3% to 2.7%.
- Led PCB Depletion project by implementing rule-based order selection logic in ERP and automation systems, reducing obsolete inventory from CAD 872K to CAD 481K in 12 months.
- Implemented FIFO process through structured LOT tracking to improve material utilization and traceability.
- Designed a Power BI dashboard to track production efficiency, reducing manual reporting time through Excel from 8 hours to 30 minutes.
- Created standard technical work instructions to improve production consistency across the shop floor.
- Facilitated weekly project team meetings and reported progress, action items, and roadblocks to SLT members.

**Assistant Project Engineer, Doha Engineering Services Company, Doha, Qatar****Apr 2020 – Mar 2021**

- Secured £4.3M TotalEnergies contract for supply and commissioning of Electrical Submersible Pumps (ESPs) by managing technical documentation through SAP Ariba.
- Secured QAR 1.5M Dolphin Energy contract for supply of heat exchanger by preparing technical and commercial documentation.
- Prepared detailed budgets for Kahramaa GTC/1000 and GTC/1001 to support tender submission.
- Performed infrared thermography and prepared corrective action reports for switchgear systems.
- Installed IRISS wireless temperature monitoring systems for switchgear in a steel forging plant.
- Supported Timken bearing inquiries by reviewing specifications and recommending suitable solutions.
- Conducted Portable Appliance Testing and prepared equipment fault reports for shops at Al Mirqab Mall.

**Site Engineer, Al Kaabi Contracting & Trading Company, Doha, Qatar****Feb 2020 – Apr 2020**

- Supervised a 60-member team for the installation of demountable wall partitions at Qatar Energy Headquarters.
- Delivered installation work across 5 floors within 3 months through efficient labor and material utilization.
- Reviewed floor drawings and performed laser layout marking to ensure accurate alignment of demountable.
- Reported MAARS drawing revisions, daily progress, and material requirements to the Site Manager.
- Inspected incoming site materials and issued compliance certificates in coordination with Al-Balagh.

**EDUCATION**

---

**M.Eng in Manufacturing Engineering, McMaster University, Ontario, Canada****Jan 2021 – Apr 2022****B.Tech in Mechanical Engineering, Amrita Vishwa Vidyapeetham, Tamil Nadu, India****Jul 2015 – Nov 2019****CERTIFICATIONS**

---

- Certified ScrumMaster (CSM) – Scrum Alliance
- Certified Scrum Product Owner (CSPO) – Scrum Alliance
- Lean Six Sigma Green Belt (LSSGB) – McGill University
- Microsoft Office Specialist: Excel Expert – Microsoft
- SQL Fundamentals – DataCamp
- Power BI Fundamentals – DataCamp

**PERSONAL DETAILS**

---

**Nationality:** Indian**Gender:** Male**Visa Status:** Visit Visa**Languages:** English, Hindi, Malayalam, Tamil