**Prakash Patryani PMP®**

Consultant – Engineering and Industrial Services

Tata Consultancy Services

**Executive Summary**

23+ years of experience with proven results in IT and manufacturing industries. Manufacturing Solutions for with cars, engine, truck manufacturers and complex manufacturers of India United Kingdom and Netherlands. Managed teams for Manufacturing Systems , IT solutions Delivery, Process IT, MES implementation, operations and industrial automation.

* Manufacturing Solution Architect with Tata Consultancy Services at Eindhoven , Netherlands.
* Delivery Manager from Tata Consultancy Services for Manufacturing Execution Systems – Global Template implementation and roll out for Automotive major in United Kingdom and Slovakia
* IT Program Manager, leading cross functional teams for MES implementation at Strides Arcolab Limited, Bangalore , India
* Manufacturing Project Manager for MES Brown field implementation at VECV truck plant, Pithampur, Indore, India
* Manufacturing execution system (MES) implementation leader at the green field, medium duty engine project, VE Power Train. Solution leader for support and maintenance of MES post go live.
* Quality Control pillar owner for setting up QC processes at VE Powertrain, leading process improvement initiatives through WCM Practices
* Strong understanding of manufacturing process in the automotive domain.
* Demonstrated leadership in operations excellence, quality control, manufacturing and maintenance domains in core production based roles, with demonstrated experience in Lean , Kaizen , TPM and Six Sigma methodologies, with Tata Cummins Limited, Jamshedpur, India.

**Technical Proficiency**

* MES Suites from GE, SAP and Dassault Systems
* Rockwell Factory Talk Production Centre 9.1, Kepware OPC, Factory Talk Vantage Point.
* Kepware OPC Server
* Siemens S7-300, Siemens S7-200, Honeywell, Marposs, Torque tools, RFID controllers.
* Microsoft Project, Microsoft Visio and other office tools.

**Career highlights**

**Tata Consultancy Services**

* Duration : Feb 2016 - Present
* Position : Domain Consultant. Engineering and Industrial Services

**Strides Arcolab Limited**

* Duration : Jan 2015 to Feb 2016
* Position : Program Manager

**VE Power Train** (A Unit of VE Commercial Vehicles, A Volvo Group and Eicher Motors Joint venture)

* Duration: May 2011 to Jan 2015
* Position: Deputy Manager Process - IT.

**Tata Cummins Ltd.** (A Joint Venture between Tata Motors and Cummins Inc.)

* Duration: July 1997 to April 2011.
* Position: Junior Manager Shop Operations.

**Professional Experience**

**Domain Consultant : MES** (Feb 2016 – Present), **Engineering and Industrial Services**

**Tata Consultancy Services.**

Tata Consulting Services is one of the top IT consulting services and a leading IT services brand world wide. Plant solutions group in the Engineering and Industrial services horizontal provides consulting, implementation and support services to manufacturing industries world wide in the domains of Automotive, CPG, Aerospace, Hitech , Pharma , Utilities and others.

**Project : Consultant – Manufacturing**

Consulting assignments in Europe and America for Hitech and Complex manufacturing domain. Currently working as solution architect at leading Lithography machine manufacturer in Netherlands, for implementation of automatic torque tools , integrated with manufacturing systems, to ensure traceability, data collection, error proofing and reduce manual errors.

**Duration:** Sep 2019 – Present

**Role –** Solution Architect - Manufacturing and Supply chain

**Technology :** SAP ME , SAP MII , Kepware

**Key Responsibilities**

* Lead for MES team members of TCS on-site : Architects and developers
* Business development and leading the onsite domain consulting practice for TCS in manufacturing space.
* Single point of contact for account teams for plant solutions delivery.
* Torque tools integration
* Manufacturing architecture support

**Projects : MES Global Template – UK Automotive major**

Automotive major company that brings together two much loved, highly prestigious British car brands. , it merged the two marques into a single company and its success has flourished, with memorable vehicles and innovative technologies that add to a long-lasting legacy.

**Duration**: Mar 2017 – Sep 2019

**Role** – Delivery Manager – MES Global Template Implementation

**Technology** : GE PFMD and Cimplicity.

**Tools** : Atlassian Tool Kit , JIRA, Confluence.

**Methodology** : Agile.

**Key Responsibilities**

* Managing overall delivery of Global Template MES solution with onsite and offshore sprint teams, comprising 50 Associates.
* Management of revenue and monthly sign off of deliverables in the T&M Model of delivery.
* Coordination with Plant leadership, business teams for requirements, and backlog generation.
* Closely working with onsite and offshore scrum masters, and test managers for on time Sprint development, releases, testing and deployment.
* Ensuring solution commissioning and plant go live in Halewood , United Kingdom and Nitra, Slovakia, in challenging timelines.
* Defect management and closure.
* Change request management.

**Consulting Assignments**

**Duration :** Feb 2016 – Feb 2017

**Duration**: 2017 – Present

**Role** – Consultant – Engineering and Industrial Services

**Key Assignments**

* Tier 2 automotive supplier Plant Application Transition Management – Lisbon, Portugal.
* Tier 2 automotive supplier Transition Support – Functional Lead- Warren, United States.
* Tier 2 automotive supplier Blue Printing – Apriso MES Deployment – Auburn Hills, United States.
* Hitech Instruments OEM – Plant Application transition (Offshore Assignment).

**Program Manager – IT** (Jan 2015 – Feb 2016)

**Strides Arcolab** , **Bangalore, Karnataka**,

**Projects : IT Transformation**

Strides Arcolab Ltd. is a pharmaceutical company with a key focus on development and manufacture of IP-led niche generics and bio-pharmaceuticals. It is also among the world's largest manufacturers of specialty soft gelatin capsules.

**Duration**: Jan 2015 – Jan 2016

**Role** – Program Manager – MES Implementation

**Technology** : Emerson Syncade MES, Delta V DCS

**Key Responsibilities**

* Overall planning, requirement analysis, Plant layer Integration, Validation and Go Live of MES program for electronic Batch Manufacturing Record.
* Coordination with individual work streams with key MES touch points (SAP, PLM and Lab Execution System )
* MES Partner and Plant integration partner activity management to ensure that the project activities are in sync and major milestones are met.
* Ensuring that the user requirements are documented and are included in the functional specifications and design specification.
* Provide key subject matter expertise inputs for MES implementation to ensure that the functionality and performance of the solution is as per the business requirements.
* Plan and secure validation approach and process with validation team.
* Coordinate equipment OEM’s to secure data requirements for eBMR are delivered as per the user requirements.
* Coordinate communication with key stakeholders and end users.
* Risk management through technical reviews.

**Deputy Manager Process – IT** (May 2011 – Jan 2015)

**VE Commercial Vehicles** (A Volvo Group and Eicher Motors Joint Venture) , **Pithampur M.P**

**Projects**

**MES implementation at VE Commercial Vehicles - Brown Field**

VE Commercial Vehicles Limited (VECV) is a 50:50 joint venture between the Volvo Group and Eicher Motors Limited. Eicher Trucks and Buses (ETB) is present in the low, medium and heavy duty segment in the 5 Ton-40 Ton range.

**Duration**: May 2014 – Jan 2015

**Role :**  Project Manager.

**Technology :** SAP ME, SAP PCo , SAP MII and Kepware

**Key Responsibilities**

* Work closely with Factory leadership to define Project scope, vision, charter and organization structure.
* Commercial and technical evaluation for MES platform and implementation partner.
* Requirement analysis, documentation, development, testing, validation and go live.
* Change management, Risk analysis and mitigation planning.
* Ensuring that the designed solution meets the project requirements for scalability, functionality, standards, quality, and documentation and implementation methodology.
* Conducting workshops for effective communication between all team members.
* People Development and training for direct reports within the team.

**Green Field MES implementation at VE Power Train**

**VE Power Train** (A Unit of VE Commercial Vehicles , A Volvo Group and Eicher Motors Joint venture )

VE Power Train is a technologically advanced engine manufacturing plant in India. This engine facility is a global hub for meeting the medium-duty automotive engine requirements of Volvo Group globally for 5L and 8L engines.

**Role :** Techno Functional Consultant and Process – IT Manager.

**Duration**: May 2011 – Dec 2013

**Technology** : Rockwell Factory Talk Production Centre 9.1, Kepware OPC

**Key Responsibilities**

* Requirement analysis and business process mapping.
* Control layer architecture.
* Process improvements with IT enablement on a green field factory implementation
* Genealogy analysis as per Volvo guidelines.
* Real time integration with PLC’s, Nut Runners and SAP systems.
* Factory Acceptance tests, System Integration Test and Site acceptance test
* Validation of end to end implementation with business validation and Shokiryudo process.
* KPI and plant floor metrics tracking methodologies for real time reports, dashboards and plant status displays.
* Project Sign off and Post Go Live Support.

**Other Projects and Key result areas**.

* Driving the initiatives to improve solution performance and reducing breakdowns and MTTR due to MES.
* Controlling process documentation and revisions at VE Powertrain.
* QC Pillar owner for setting up the QC processes and successfully represented in internal audits.

**Junior Manager – Shop Operations** (July 1997 – Apr 2011)

**Tata Cummins Ltd.** ( A Joint Venture between Tata Motors and Cummins Inc. ) **Jamshedpur, Jharkhand.**

Tata Cummins Limited (TCL) is a 50:50 joint venture between Cummins Inc. USA, the world’s largest independent designer and manufacturer of diesel engines and Tata Motors, India’s largest automobile manufacturer.

**Projects**

* Six Sigma Lite project leader for reduction of defects in cam shaft line.
* MIS System introduction for tracking shop floor KPI’s like Productivity, OEE, MTBF, MTTR and loss tracking due to unaccounted downtime.
* PLC upgrade project of 10 legacy machines in stringent timelines.

**Roles and Responsibilities**

* Shift production manager for Rod and Cam Business unit, leading a team of 30 associates.
* Responsible for implementation of Cummins Lean practices (COS) at Tata Cummins Ltd.
* Performed in various roles and capacities in the areas of production, maintenance and shop operations for Tata Cummins Ltd.

**Education**

* PGDBA , Operations Management ,from Symbiosis Center for Distance Learning – 2007.
* AMIE, Computer Science, from The Institution of Engineers (India) – 2004
* B.Sc Physics (Hons). Utkal University- 1997.