

DINESH RATHOD

Digital Transformation | IIoT | MES | MoM | Project Management

📞 +91-99749 12369

@ ask@dineshrathod.com

🌐 www.dineshrathod.com

SUMMARY

Business-centric digital transformation leader with 16+ years of experience in IIoT, MES, Smart factory, and cloud-based industrial solutions in discrete manufacturing, process industries, and renewable energy. Expert in IT-OT convergence, enterprise integration, and Agile delivery. Known for leading cross-functional teams to design and implement scalable, cost-effective solutions that increase ROI and operational efficiency.

EXPERIENCE

MANAGER-COE-TECHNOLOGY

ADANI GROUP

📅 Jan 2023 – Ongoing

- Managed projects with cross-functional teams to design and implement scalable, cost-effective solutions that increased ROI and operational efficiency for Adani Group. Successfully delivered 4+ projects, resulting in a 50% reduction in data acquisition costs and 100% adherence to cyber security policy.
- Negotiated contracts and monitored performance metrics to achieve 100% adherence to SLAs, enhancing overall operational efficiency for the organization.
- Coordinate effectively with cloud hyperscaler's, service integrators, and the solution delivery team to ensure the correct implementation of the proposed architectural design.
- Implemented best practices and standardized processes to enhance the efficiency and quality of solution delivery.

DEPLOYMENT MANAGER

ADANI GROUP

📅 Jan 2022 – Jan 2023

- Primary responsibility to onboard new plant, M&A plants, and existing plants to ENOC platform by ensuring compliance with security and quality specifications.
- Collaborated with Mergers & Acquisitions, Operations & Maintenance, SAP, and SCADA teams to compile comprehensive hierarchical asset information; streamlined data collection processes that improved the visibility of the project by 40% for all stakeholders.
- Provided senior leadership with timely and detailed reports/updates regarding the advancement of the critical on boarding project.

ODL Manager

ADANI GROUP

📅 Oct 2019 – Dec 2022

- Identify and create a secure data acquisition strategy for remote-sited renewable power plants.
- Directed efforts to implement secure communication protocols for 100+ RE plants IIoT assets in the cloud, enhancing data integrity and security measures, which resulted in a 25% decrease in security incident reports.
- Architecting and designing a unified asset data model for renewable power plants using graph technology.

CERTIFICATION

PMP® Certified

Databricks Platform Architect

ITIL v4 Professional

Six Sigma Yellow Belt

KEY ACHIEVEMENTS



Adani Green Energy Onboarding

Onboarded 10+ GW of renewable energy plants (100+) on the IC-NOC platform at Adani Group.



TATA Motors MES Refresh Project

Managed the successful implementation of MES for Tata Motors, resulting in zero downtime during rollout.

SKILLS

IIoT	MES	IT-OT Convergence	RFP
RFQ	Project Management	MoM	
Shop Floor Automation	Problem Solving		
Smart Manufacturing	Team Building		
Digital Factory	Agile-Scrum		
Databricks	Agentic AI		

EDUCATION

M.Tech. (Computer Engineering)

SPCE University

📅 June 2019 – June 2021

B.E. (Computer Engineering)

HNGU University

📅 May 2005 – June 2008

Diploma (Computer Engineering))

TEB, Gandhinagar

📅 May 2001 – May 2004

TEAM LEADER
ACCENTURE TECHNOLOGIES

- Dec 2018 – Oct 2019
- Collaborated with stakeholders to define requirements and align technical solutions with business goals.
 - Developed and implemented a Quality Management System (QMS) for Non-Conformance Material Review (NCMR).
 - Integrated MES with SAP S/4 Hana for seamless data exchange.

MES LEADER
TATA TECHNOLOGIES

- Jun 2015 – Dec 2018
- Managed MES Refresh Project, ensuring zero production impact.
 - Applied expertise in the architecture and design of the MES system for efficient manufacturing operations.
 - Standardized OEM integration processes for MES applications, which minimizes the on-boarding time of a new vendor to the plant ecosystem.

SENIOR SOFTWARE ENGINEER
WIPRO TECHNOLOGIES

- Sep 2014 – May 2015
- Transitioning Enterprise Security solutions for a large travel and hospital-ity company.
 - Reverse knowledge transition of security solutions to offshore develop-ment team.

SOFTWARE ENGINEER
(n)Code Solutions-GNFC LTD

- Nov 2012 – Aug 2014
- Developed ActiveX Control for encryption/decryption and digital signing.
 - Created a PDF signer for digital signing of multiple PDF files.

SOLUTION DEVELOPER
TATA TECHNOLOGIES

- Nov 2010 – Nov 2012
- Implemented various MES business processes in the FTPC application.
 - Created SOS services for capturing shop floor events.

WEB DEVELOPER
MINDSEYE INDIA PVT LIMITED

- Jul 2008 – Oct 2010
- Developed web applications using ASP.NET and SQL Server.
 - Configured and set up payment gateways for websites.

PUBLICATIONS

Defect Analysis of EL Images of PV Cell, ICIPCN, Springer, 2021

<https://rb.gy/ajocft>

AWARDS

- 5 - SPOT Award | Adani Group
- STAR Contributor Award | Accenture Technologies
- APAC Champions Awards | TATA Technologies
- Best Team Award Winner | TATA Technologies
- Outstanding Performance Award | (n)Code Solution-GNFC LTD

INDUSTRY EXPERTISE

Digital Transformation	●●●●●
Smart Manufacturing	●●●●●
MES	●●●●●
IIoT	●●●●●

TRAINING & COURSES

AI Immersion Program
CII-Confederation of Indian Industries

LANGUAGES

English	●●●●●
Hindi	●●●●●
Gujarati	●●●●●