

DINESH RATHOD

Digital Transformation | IIoT | MES | MoM | PMP®

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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

- Working in close partnership with business leaders to ensure that the digital strategy aligns with the organization's goals, while achieving a 50% reduction in data acquisition costs.
- Cultivated strategic vendor relationships by negotiating contracts and monitoring performance metrics to achieve 100% adherence to service level agreements (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

ITIL v4 Professional

Six Sigma Yellow Belt

KEY ACHIEVEMENTS



Adani Green Energy Onboarding

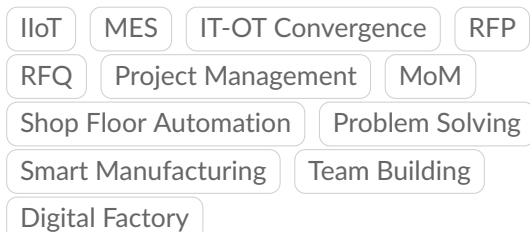
Onboarded 10+ GW of renewable energy plants(100+) onto IC-NOC platform at Adani Group.



TATA Motors MES Refresh Project

Led MES Refresh Project for Tata Motors, achieving 0 downtime during new MES rollout.

SKILLS



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

PUBLICATIONS

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

<https://rb.gy/ajocft>

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

- Led 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 hospitality company.
- Reverse knowledge transition of security solutions to offshore development 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.
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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

