

Mihir Joshi

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PROFILE

Detail-oriented Mechanical Engineer with hands-on experience in CAD design (UG-NX, Teamcenter) and Excel/SAP automation, passionate about AI tools and process optimization.

EDUCATION

Maharashtra Institute of Technology Bachelor of Technology in Mechanical Engineering	Chh. Sambhajinagar, India 2019 – 2022
Government Polytechnic Diploma in Mechanical Engineering	Chh. Sambhajinagar, India 2017 – 2019
Deogiri Collage HSC in Science	Chh. Sambhajinagar, India 2015 – 2017
Jagruti Highschool SSC	Chh. Sambhajinagar, India 2015

SKILLS

Mechanical Skills: Piping Design (NX, Teamcenter, ENOVIA), CAD Software (UG-NX, Creo), GD&T & Manufacturing Processes.

Programming & Tech Skills: Python, JAVA, Excel (VBA/Macros & Power Query), SQL (basic queries), AI Tools, Power BI.

Tools: SAP, PLM Tools (Teamcenter, ENOVIA, ARAS), Microsoft power Automate, n8n (automation workflows), Git & GitHub.

EXPERIENCE

MAN Energy Solutions(Everllence India Pvt Ltd) CAD Engineer	Chh. Sambhajinagar, India Jun'24 – Present
<ul style="list-style-type: none">Designed and analysed marine engine components and piping systems for optimal performance.Created detailed GD&T-compliant production drawings and managed BOMs using Teamcenter PLM.Collaborated with Copenhagen team for design support, quality checks, and project planning.Automated data workflows and reporting using Excel VBA integrated with Aras PLM, saving time & accuracy.Regularly conduct Excel training (Basic to Advanced) to colleagues, covering formulas (VLOOKUP, IF, INDEX-MATCH), data cleaning, pivot tables, charts and advance features like Power Query, Power Pivot and VBA automation.	
Endurance Technologies Ltd Management Trainee Engineer	Chh. Sambhajinagar, India Jan'23 – Jun'24
<ul style="list-style-type: none">Managed NPD projects by coordinating with cross-functional teams like Customer, Purchase, R&D, Store & costing.Managed client communication and new business RFQ tracking via PLM.Worked on cost estimation, RM pricing, new development cost, manufacturing cost and SAP-based data processing.Automated Excel reporting systems using VBA and Power Query, saving 20+ hours/month.Created dashboards in Excel & Power BI for pricing and sales performance tracking.	

PROJECTS

Automation & Reporting System Integrated with Aras (MAN Energy Solutions)

- Built an Excel tool integrated with Aras PLM to automate real-time data fetching and task allocation based on resource availability, with interactive dashboards for tracking progress.
- Used Excel VBA for automation, Aras Innovator API for data integration, and Power Query for data transformation.
- Saved approximately 35+ hr/monthly by reducing manual data extraction, improving accuracy, and enabling real-time reporting.