



Nilesh Katariya

E-Mail: x26nileshk@iima.ac.in Mobile: +91 9561123245 LinkedIn: NileshKatariya

Summary

Technology and transformation leader with 8+ years in engineering technology and renewable energy. Led enterprise modernization, product ownership, and portfolio management initiatives, delivering operational excellence, cost optimization, and measurable business impact across global organizations.

Professional Experience

Assistant Manager | thyssenkrupp Uhde India Pvt. Ltd. | Mumbai

- **Led a 17-member global Centre of Excellence (CoE)**, directing resource allocation, service delivery, contract administration, and operational management for a **₹10 Cr** engineering services engagement.
- **Served as Product Owner** for a portfolio of 10+ core engineering applications, managing end-to-end product roadmaps, lifecycle strategies, security controls, and business continuity for global engineering teams.
- **Engineered the modernization** of a 20-year-old engineering customization ecosystem, rationalizing 500+ legacy macros into 100 business-critical functions and reducing application complexity by over 70%.
- **Conceived and deployed** a digital engineering solution automating MTO generation from AutoCAD layouts, slashing manual effort by 98% and saving ~1,000 engineering hours annually.
- **Spearheaded the development** of an automated design-drawing generation platform integrating PV Elite, Excel VBA, and AutoCAD, eliminating Vendor Drawing Reviews (VDR) to accelerate execution.
- **Directed a global Windows 11 readiness assessment** for 100+ applications, driving cross-functional testing and the decommissioning of unsupported software to achieve migration readiness ahead of schedule.
- **Managed an enterprise software portfolio** exceeding ₹3 Cr in annual spend, steering licensing strategy, vendor governance, and compliance across Autodesk, Bentley, and Trimble ecosystems.
- **Redesigned the corporate software licensing strategy** during a vendor transition, securing executive approval to deliver ₹1.25 Cr in projected savings over 8 years while expanding user access.
- **Drove software asset optimization and cost-governance initiatives** across the engineering portfolio, leveraging utilization analytics and license rationalization to reduce expenditure by over **₹25 Lakh**.
- **Developed a Power BI asset governance dashboard** consolidating utilization analytics across 10+ critical platforms, enabling data-driven optimization that eliminated ₹25 Lakh in redundant procurement.
- **Established and facilitated** a global Key User Network across 5 engineering disciplines to prioritize business requirements and accelerate the adoption of new digital tools.
- **Evaluated technology adoption and software investments**, performing technical vendor evaluations, capability assessments, and comprehensive market analyses to align digital initiatives with future-ready platform roadmaps.
- **Streamlined application lifecycle governance and release activities**, coordinating cross-functional requirement prioritization, change management tracking, and deployment verification for business-critical platform updates.
- **Supported software procurement and financial forecasting processes**, validating technical quotes, contract renewals, and licensing models to deliver precise capital expenditure (CapEx) and operational budgeting inputs.

Senior Civil Engineer | Suzlon Global Services Limited | Pune

- **Served as Civil Engineering Lead** within the O&M Engineering team, steering the structural reliability and asset integrity of a massive **15 GW** wind energy fleet comprising **10,000+** wind turbines across India.
- **Led nationwide post-installation fault rectification projects** and remediation programs for recurring structural failures, seamlessly coordinating design, site operations, contractors, and client stakeholders.
- **Managed end-to-end remediation of a critical geotechnical failure** following a major landslide, aligning consultants, engineering teams, and clients to implement stabilization measures and safely restore wind farm operations.
- **Spearheaded a first-of-its-kind foundation remediation solution** for a critical 2.1 MW wind turbine experiencing excessive structural oscillations, reducing anticipated asset downtime by over 50% (restored within 3 months vs. 6+ months).
- **Investigated recurring structural integrity issues** across multiple wind turbine sites, collaborating with technology teams to optimize repair methodologies and standardize field execution, cutting remediation costs by 20% and timelines by 10%.
- **Managed contractor qualification, vendor development, and NCR resolution**, driving root-cause investigations and corrective/preventive action (CAPA) programs to reduce repeat failures across geographically dispersed assets.
- **Developed and institutionalized comprehensive SOPs**, inspection frameworks, and preventive maintenance protocols for foundation repairs and infrastructure maintenance, significantly increasing field execution consistency.
- **Trained and mentored 100+ site engineers and site leaders** nationwide on structural maintenance, quality management, and reliability-focused O&M practices.

CADD Engineer | CADD Centre| Pune

- **Trained and upskilled 500+ engineering students and industry professionals** in advanced engineering design, structural analysis, and project management software's, including AutoCAD, Civil 3D, STAAD.Pro, and MS Project.
- **Delivered high-impact corporate and academic training programs** for large audiences of up to 150 participants, adapting complex technical curricula to diverse skill levels.
- Earned **three faculty certifications**, the highest within the centre, recognizing technical expertise and instructional excellence.

Education

MBA (PGPX) – Indian Institute of Management, Ahmedabad | India
BE Civil – Imperial College of Engineering and Research | Pune

Accomplishments and Awards

- **Fast Track Promotion:** Promoted within 2.5 years in recognition of exceptional performance, leadership, and business impact.
- **Engineering Automation Excellence:** Recognized in the company newsletter for developing an automation solution that reduced manual effort by 98% and delivered ~1,000 annual engineering hours in productivity savings.
- **Centurion Certification, Robin Hood Army:** Awarded for contributing to 100+ community service initiatives spanning education, food distribution, and social outreach.

License & Certifications

- **First Time Manager Program** – upGrad
- **Microsoft Power BI**
- **Microsoft SQL Server (MS SQL)**
- **Project Management using Microsoft Project- CADD Centre**

Co/Extra-curricular

- **Volunteer Leader & WeCare Representative, Robin Hood Army (3+ years):** Led community initiatives, volunteer well-being, and child safeguarding for a 100+ volunteer chapter; co-conducted safety programs for 300+ children.
- **Social Impact Mentor, Welingkar Institute (GCL Program):** Guided management students in translating grassroots social-impact challenges into structured solutions and execution strategies.
- **Corporate & Community Wellness:** Spearheaded the *InnovaTe @ Work 2025* corporate technology showcase; committed voluntary blood donor (15+ donations) and drive organizer.