



# Nilesh Katariya

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## Summary

Technology & transformation leader with 8+ years in project management, product innovation, and technology adoption across Heavy Engineering & Renewables. Led enterprise modernization, operational scalability, and commercial optimization initiatives.

## Professional Experience

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

April 2022 to April 2026

- Owned a **~₹5 Cr engineering software portfolio** spanning 5 business-critical applications and 500+ users; reduced licensing expenditure by **~₹25 Lakh** and secured **~₹1.25 Cr in projected 8-year savings**.
- Led a **30-member cross-functional Global Centre of Excellence**, driving capacity planning, contract management, and service delivery for a multi-crore engagement, securing successful renewal and **16% account expansion**.
- Directed modernization of a 20-year-old AutoCAD environment, **rationalizing 500+ legacy macros into 100 core functions**, migrating the codebase from LISP to C#/.NET and enabling VPN-independent remote access.
- Built a CAD-to-BOQ automation tool from concept-to-execution, **reducing MTO estimation effort by 98%** and saving **~1,000 engineering hours annually**; featured in corporate newsletter for digital product innovation.
- Spearheaded an **“Enterprise Digital Twin Ecosystem”** across USD 250M+ EPC projects, federating multi-disciplinary engineering data to **accelerate data reconciliation by 30%** & reduce cross-disciplinary discrepancies **by 35%**.
- Architected a real-time executive dashboard on enterprise product telemetry in Power BI tracking utilization across **10+ core software platforms**, providing real-time user analytics, and **data-driven CapEx/OpEx forecasting inputs**.
- Designed an automated CAD solution for **USD 500M+ EPC projects**, integrating PV Elite, Excel VBA, and AutoCAD, eliminating vendor review bottlenecks and **cutting vessel drawing turnaround by 38% (40 to 25 hrs)**.

Senior Civil Engineer | Suzlon Global Services Limited | Pune

Dec 2018 to April 2022

- Served as the inaugural HQ Civil Engineering SME** supporting a 10,000+ wind turbine fleet; resolved 30+ critical infrastructure failures through RCA and end-to-end remediation, **sustaining >95% uptime**.
- Safeguarded **₹1.5 Cr in client revenue** by directing post-landslide remediation of a 10.5 MW wind farm in under 5 months.
- Pioneered a novel field-repair solution for a 2.1 MW turbine experiencing dangerous oscillations, **cutting asset restoration time from 6 months to 3 months**.
- Authored and institutionalized 8+ foundation repair SOPs and structured inspection frameworks across 6 states, training 100+ site engineers to reduce field repair defects and Non-Conformance Reports (NCRs) **by 20%**.
- Empanelled specialized geotechnical contractors and standardized high-performance grout specifications across 6 states, driving competitive bidding **to reduce repair procurement spend by 15%**.
- Led civil technical due diligence across **250+ MW of newly commissioned wind farms** and undocumented legacy fleets, capturing latent warranty snags to protect long-term O&M margins and enable multi-brand contracting.

CADD Engineer | CADD Centre | Pune

July 2017 to Nov 2018

- Trained **500+ engineering students and professionals** in CAD, structural analysis, and project management tools; delivered corporate and academic programs for cohorts up to 150 and earned 3 faculty certifications.

## Education

B.E Civil – Imperial College of Engineering and Research | Pune

## Accomplishments and Awards

- Achieved fast-track promotion and top-tier performance ratings across **3 consecutive appraisal cycles** at thyssenkrupp; earned sole cross-functional, division-wide promotion to Assistant Manager, Central Technology at Suzlon.
- Top 0.4% nationwide**: 1 of only 4 certified Autodesk Civil 3D instructors in a 1,000+ trainer network, driving corporate enrolments to achieve franchise's maiden ₹1 Cr revenue milestone.

## License & Certifications

- First Time Manager Program - upGrad (Company-nominated executive leadership development program)
- Microsoft Power BI and SQL Server - Pragati Software (Enterprise business intelligence & database analytics)

## Co/Extra-curricular

- Volunteer Leader & WeCare Lead, Robin Hood Army (3+ years)**: Led community initiatives for a 100+ volunteer chapter, supported child-safeguarding programs for 300+ children. (Awarded Centurion Certificate for 100+ drives)
- Social Impact Mentor, Welinkar Institute (GCL Program)**: Guided management students in structuring grassroots social-impact solutions.