



AMOL KHANAPURKAR

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Newsletter Link – [Digital Twin – The Future](#)

Digital Transformation Leader | PLM & Digital Twin Strategist | Product Lifecycle Visionary

SUMMARY

Dynamic leader with 20+ years of expertise in PLM, Digital Twin, and Digital Transformation within the different industries. Certified PMP professional with extensive experience in end-to-end business process implementation, solution design, integration, and project management using Agile Scrum methodologies. Specializes in the 3DEXPERIENCE platform, ensuring seamless digital continuity across business functions. Strong background in Requirements Gathering & Analysis, Product Management, Gap Analysis, Business Process mapping & Improvement and Design & Implementation of fully integrated technology solutions. Exceptional communicator and team leader, adept at managing multiple priorities in fast-paced environments.

CORE COMPETENCIES

- ◆ **PLM Solution Design & Implementation:** ENOVIA | 3DEXPERIENCE | CATIA | BOM & ECM Architecture
- ◆ **Digital Transformation:** Digital Twin Strategy | System Thinking | Automation | Digital Thread Enablement
- ◆ **Customer Engagement:** Requirement Gathering | Business Process Mapping | UAT & Training
- ◆ **Project Management:** Agile | PMP | SAFe | Cross-functional Leadership
- ◆ **Process Optimization:** Gap Analysis | Workflow Digitization | KPI Tracking
- ◆ **Collaboration & Leadership:** Stakeholder Alignment | Mentorship | Continuous Improvement

EXECUTIVE CAREER SYNOPSIS & HIGHLIGHTS

SCHINDLER INDIA PVT.LTD

IT Services and Solutions

Principal Engineer

May 2021-July 2025

Reporting to: VP, Digital Twin, Corporate Research & Development | Team Size: 8

Role: Digital Twin Architect recruited to revolutionize Schindler's processes using Dassault Systèmes' 3DEXPERIENCE platform. Leveraged expertise in ENOVIA and 3DEXCITE to bridge R&D and marketing, implementing change management, Release Management, and Product Management solutions and creating interactive 3D renderings for the elevator industry.

- Lead in the Digitalization Project under **SOMM** (Solution Outline Maturity Model) which includes process understanding, requirement analysis, business process mapping, solution design, gap documentation, implementation planning, scenario creation, training, UATs, and deployment.
- **Engineered a transformative Change and Release Management widget**, streamlining cross-domain processes and unifying departments under a cohesive digital thread, significantly enhancing business integration in 3DEXPERIENCE Platform.
- **Developed a robust product planning solution**, seamlessly integrating all product lines, its variants and options transforming management from Excel sheets to a streamlined digital platform, enhancing transparency and efficiency in new product development.
- **Spearheaded the development and implementation of a comprehensive Digital Twin Solution in 3DEXPERIENCE Platform**, integrating Product Planning, Change, Release, and Document Management.
 - **Eliminated domain silos by creating a unified digital thread** across business processes, resulting in streamlined operations, enhanced collaboration, and a more efficient product development lifecycle.
 - **Configured a cloud-based system, mapped business processes** to solution architecture, and conducted rigorous cross-functional testing, significantly improving process alignment and efficiency.

- **Pioneered and implemented a dynamic 3D visualization solution** for marketing asset management, launching Schindler's first interactive Elevator Configurator in the U.S., significantly boosting customer engagement and conversion rates.
- **Expertly trained and mentored junior engineers**, fostering professional growth and deepening their understanding of Digital Twin concepts and Digital Continuity, enhancing organizational traceability and 3DEXPERIENCE Platform proficiency.

DASSAULT SYSTEMES GLOBAL SERVICES Limited

Jan 2011-May 2021

Software Services for Dassault Systemes Products

Technical Project Manager (Feb 2015-May 2021)

Reporting to: Delivery Head | Team Size: 25

Role: Promoted to establish and lead the Visualization Services department within the newly formed DSGS organization, leveraging expertise in 3DEXCITE. Spearheaded team formation, strategic transitions, and AGILE-driven automation projects, enhancing cost efficiency and service delivery. Managed project budgets, operations, and stakeholder communications, while developing a comprehensive knowledge base for visualization services.

- **Established and led 3DEXCITE Visualization Services team**, growing it from 0-50 members in two years. Worked on Automobile Configurators for different customers such as PSA, Audi.
 - Recruited top talent, implemented robust training, quality processes, and developed a modular estimation model, enabling management of 10-12 projects simultaneously and initiating technical pre-sales efforts.
- **Spearheaded the development of an innovative Excel-based Test Automation Tool for CAD/CAM applications**, boosting testing efficiency by 60% and increasing project revenue by 25%. Successfully rolled out the tool, enabling faster delivery of DELMIA testing projects and securing new business opportunities.
- Led successful **PLM upgrade and Data Migration** programs for global aerospace and manufacturing clients.
- **Designed a virtual event platform during COVID**, resulting in high engagement and earning accolades from Dassault Systemes' top management and the Government of India, winning the Best CSR Project at the IFCCI CSR Conclave & Awards.

DASSAULT SYSTEMES SOLUTIONS LIMITED

Research & Development Center, India, Dassault Systemes

Technical Lead (Jan 2011-Feb 2015)

Reporting to: R&D Operations Head | Team Size: 8

Role: Recruited to lead the newly formed technical support team for ENOVIA Smart Team Product at Dassault Systemes, leveraging prior experience with Dassault Systemes. Spearheaded customer issue resolution, provided PLM solutions, and managed escalations. Drove team development, reduced downtime, and enhanced customer support through effective documentation and issue management.

- **Improved team quality index from 70% to 94% within six months** by developing a comprehensive knowledge base, enhancing troubleshooting and root cause analysis processes.
- **Accelerated issue resolution TAT from 9 days to 3 days** by implementing tailored VMs for customer PLM environments, significantly enhancing brand image and efficiency.
- **Enhanced team expertise by leading a custom real-life PLM project**, advancing skills from intermediate to expert, boosting confidence, and significantly improving issue resolution efficiency.

PREVIOUS ASSIGNMENTS

Technical Project Manager PRODUCT DOSSIER PRIVATE LIMITED (KYTES)	Mar 2010-Jan 2011
Industrialization Analyst DASSAULT SYSTEMES SOLUTIONS LIMITED	Dec 2006-Mar 2010
Software Engineer PATNI COMPUTERS SYSTEMS	Nov 2005-Dec 2006
Project Engineer AUTOMOTIVE STAMPINGS & ASSEMBLIES LIMITED	Jul 2004-Nov 2005
Graduate Trainee Engineer FORCE MOTORS PVT. LTD.	Aug 2003-Feb 2004

EDUCATION & PROFESSIONAL DEVELOPMENT

Post Graduate Diploma in Business Management

HYDERABAD, INDIA

ICFAI

Jun 2006 to Apr 2008

Bachelor of Engineering (Mechanical)

PUNE, INDIA

Maharashtra Institute of Technology, Pune

Jul 1999 to Jun 2003

CERTIFICATIONS

- **PMP - Project Management Professional** (PMP No. 2033551)
- **ITIL Foundation in IT Service Management** (GR750255786AK)
- **SAFe for Teams**
- **Microsoft Certified: Azure AI Fundamentals** (14BD62-DF89K9)
- **Professional Scrum Master**
- **ENOVIA V6 3DEXPERIENCE Platform for 3D User**
- Pursuing **Senior Executive Development Program – CXO at XLRI** by November 2025.

ADDITIONAL INFORMATION

- **Author of LinkedIn Newsletter – “[Digital Twin – The Future](#)”**
- Advocating for Digital Twin ecosystems in global PLM strategy circles
- Continuously exploring AI, Data Visualization, and Cloud technologies to shape future-ready digital ecosystems.