

MOHIT MALWADKAR

Technical Writer | Documentation Engineer

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Portfolio: [Professional Portfolio](#)

PROFILE

Mechanical Engineer with 10+ years of experience in technical writing and documentation. Specializes in MadCap Flare, XML DITA, GitHub, online help systems, and Agile documentation practices. Creates clear, user-focused content for complex software products and uses AI-enabled tools to improve documentation quality, review efficiency, and delivery speed across the SDLC.

CORE SKILLS AND TOOLS

Authoring and Publishing	MadCap Flare, Adobe FrameMaker, Paligo, SCHEMA ST4, Markdown
Technical Skills	HTML, CSS, XML DITA, GitHub, VS Code, Azure DevOps, JIRA
Tools and Platforms	Snagit, Adobe Illustrator, IsoDraw, AutoCAD, Inventor, AI-enabled documentation tools
Documentation Focus	Online Help, User Guides, Installation Guides, Release Notes, Quick Reference Guides

PROFESSIONAL EXPERIENCE

Hitachi Energy India Ltd, Bengaluru

Dec 2023 - Present

Technical Writer, Enterprise Software R&D Unit

- Create, review, and maintain **technical documentation**, including **user guides**, **configuration guides**, **online help systems**, and **release notes** for enterprise software products.
- Collaborate with **cross-functional Agile/Scrum teams**, Product Managers, Developers, QA Engineers, and SMEs to document **new features**, **product enhancements**, and **software releases**.
- Manage documentation repositories using **Git**, **Visual Studio Code**, and **Markdown**.
- Develop and maintain **online help systems** and **searchable knowledge bases** to improve customer self-service and product adoption.
- Use **AI-powered tools** and **automation solutions** to streamline content creation, document reviews, and release documentation processes.
- Perform technical, editorial, and quality reviews to ensure documentation accuracy, completeness, and compliance with organizational standards.
- Contribute to **process improvement initiatives**, documentation best practices, and knowledge-sharing activities across global teams.
- Mentor team members and provide guidance on documentation standards, tools, and best practices.

MSC Software, acquired by Hexagon MI, Pune

May 2022 - Dec 2023

Documentation Engineer / Information Developer

- Develop and maintain technical documentation for software products in Agile/Scrum environments.
- Create and update online help systems and user guides.
- Collaborate with developers, QA, and support teams to document product features and updates.
- Migrate documentation from FrameMaker to MadCap Flare.
- Track and resolve documentation defects and review comments using JIRA.
- Perform documentation reviews to ensure accuracy, consistency, and quality.

Rieter India Pvt. Ltd., Pune

Nov 2018 - Apr 2022

Technical Documentation Engineer / Writer - Illustrator

- Develop illustrations for spare parts catalogs and manuals using IsoDraw and Illustrator.
 - Create and maintain technical documentation using SCHEMA ST4 and structured authoring practices.
 - Manage and update XML-based content for service manuals, catalogs, and product documentation.
 - Collaborate with product, sales, service, and engineering teams to ensure documentation accuracy and completeness.
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Armstrong Machine Builders Pvt. Ltd., Pune

Oct 2014 - Dec 2017

Project Design Engineer

- Create machine layouts, DAP drawings, and design calculations for industrial automation projects.
- Design and modify special-purpose machines based on customer and project requirements.
- Prepare manufacturing drawings, GD&T specifications, and BOMs using CAD tools.
- Collaborate with manufacturing, installation, and service teams to support project execution and technical documentation.

EDUCATION

Bachelor of Engineering - Mechanical, First Class

Satara College of Engineering & Management, Satara

May 2014

Diploma in Mechanical Engineering, First Class with Distinction

Government Polytechnic, Karad

May 2011

CERTIFICATIONS

Diploma in Technical Communication

Online Course - Knowledge Buffer, Chennai