

Heidemarie Vidos

CP - Technical Competency Profile

16.09.2026



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Austria, Vienna, Remote / International



Portfolio: heidemarievidos.com

TECHNICAL COMPETENCY PROFILE

Technical Documentation · Information Architecture · Technical Illustration · Systems & Documentation Technologies

Heidemarie Vidos

Structure. Visualize. Explain. Enable.

Introduction

This Technical Competency Profile complements my CV by providing a more detailed overview of the tools, systems, methods, and technical environments I work with.

While the CV focuses on professional experience, responsibilities, and project history, this document provides a structured view of the underlying competencies used across those projects – from technical documentation and information architecture to technical illustration, structured content, engineering systems, scripting, quality assurance, and localization.

The purpose is to make technical capabilities easier to assess without overloading the CV with extensive software, system, and methodology details.

How to read this profile

Competencies are grouped by functional area rather than by individual project. The indicated knowledge levels reflect practical familiarity and depth of use:

Very Good Knowledge

- extensive practical experience and confident independent use

Good Knowledge

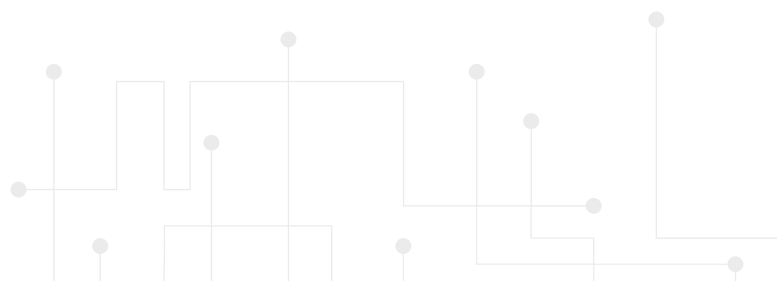
- solid practical knowledge and regular application

Working Knowledge

- practical familiarity and ability to work effectively within existing environments

Basic Knowledge

- fundamental understanding and ability to work with or quickly deepen the technology when required



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TECHNICAL DOCUMENTATION & INFORMATION ARCHITECTURE

Architecture & Structuring

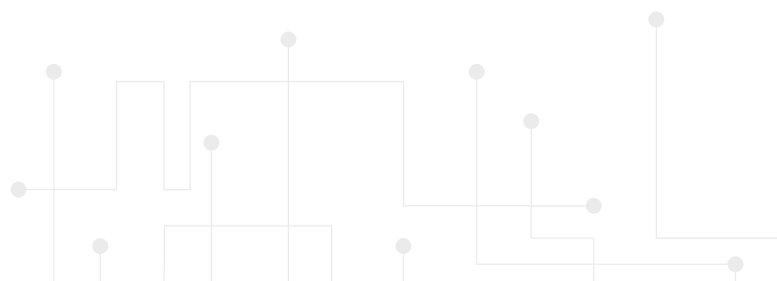
- Information Architecture: Conception of information structures, navigation, metadata, and user access.
- Information Structuring: Logical transformation of complex data into reusable content.
- Documentation Architecture: Planning of comprehensive structures for products, variants, and lifecycles.
- Modular Documentation: Creation of modular text components for product families and reuse.

Process & Quality Assurance

- Technical Documentation: Creation, maintenance, and optimization of technical documents in regulated environments.
- Documentation Review: Systematic evaluation for completeness, consistency, and compliance.
- Documentation Quality Assurance: Quality control of processes, illustrations, and terminology.
- Documentation Standardisation: Development of templates, standards, and information models.

Data & Legacy Management

- Legacy Documentation: Modernization, restructuring, and migration of legacy documents.
- Metadata Management: Classification, versioning, and filtering for structured content management.
- Terminology Management: Maintenance of consistent technical terms across documentation, UI, and translation.





TECHNICAL ILLUSTRATION & TOOLS

Methodology & Concepts

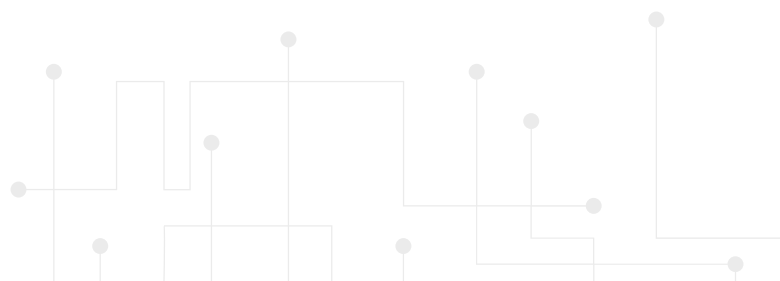
- Technical Illustration: Development of clear illustrations for assembly, operation, and service with a focus on orientation, information reduction, and error prevention. *(Very Good Knowledge)*
- Exploded Views & Assembly Illustrations: Creation and evaluation of exploded views, component relationships, and step-based assembly instructions. *(Very Good Knowledge)*
- Technical Drawings: Reading, interpreting, and documentation-oriented preparation of technical drawings and component views. *(Very Good Knowledge)*

CAD Integration & Data Formats

- CAD-based Illustration: Use and interpretation of CAD data as source material for technical illustrations and product representations. *(Good Knowledge)*
- CAD Data Exchange: Data exchange between engineering systems and downstream processes via neutral CAD formats. *(Good Knowledge)*
- STEP / IGES: Utilization of neutral CAD exchange formats as source data for technical workflows and illustrations. *(Good Knowledge)*
- SVG: Deployment of scalable vector graphics for web-based documentation and reusable visual content. *(Good Knowledge)*

Software & Tools

- Corel DESIGNER / CorelDRAW Technical Suite: Creation of structured, vector-based graphics, isometric representations, and documentation graphics. *(Very Good Knowledge)*
- CorelDRAW: Creation and editing of vector graphics, diagrams, and component representations for industrial applications. *(Very Good Knowledge)*
- Microsoft Visio / Lucidchart: Creation of process diagrams, system structures, workflows, and technical information models. *(Very Good Knowledge)*
- Adobe Illustrator: Use of vector-based tools for graphics, diagrams, and graphical refinement of documents. *(Good Knowledge)*
- Adobe Photoshop: Image preparation, correction, optimization, and annotation for technical communication. *(Good Knowledge)*
- Mermaid / PlantUML: Creation of text-based diagrams for workflows, sequences, and system relationships. *(Good Knowledge)*





STRUCTURED CONTENT, XML & AUTHORING SYSTEMS

XML & Data Structures

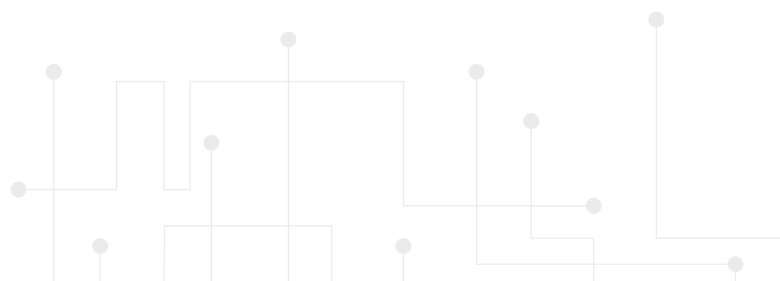
- XML: Creation, analysis, and structuring of XML-based content in information management. *(Very Good Knowledge)*
- XML Schema / XSD: Use of schemas for validation, structure definition, and data consistency. *(Very Good Knowledge)*
- XSLT: Application of XML transformations for content processing and publishing workflows. *(Good Knowledge)*
- XSL-FO: XML-based formatting and publishing concepts for automated document generation. *(Working Knowledge)*

DITA, API & Text-Based Formats

- Markdown: Structuring of technical content in text-based environments according to the Docs-as-Code principle. *(Very Good Knowledge)*
- DITA: Topic-based, modular technical documentation, content reuse, and structured authoring. *(Good Knowledge)*
- OpenAPI / Swagger: Structure of REST APIs for documenting endpoints, parameters, and references. *(Basic Knowledge)*
- MDX: Markdown extension for combining structured content with reusable components. *(Basic Knowledge)*

Component Content Management Systems (CCMS) & Authoring Tools

- SCHEMA ST4: CCMS for modular technical documentation, metadata, variants, and publishing. *(Very Good Knowledge)*
- TIM RS: Experience with structured content, modular reuse, and controlled workflows. *(Very Good Knowledge)*
- COSIMA: XML-based editorial system for modular content and controlled publication processes. *(Very Good Knowledge)*
- Adobe FrameMaker: Creation of structured/unstructured documents, templates, and publications. *(Good Knowledge)*
- Help Authoring Systems: Structured help systems, online help, topic-based documentation, and user guidance. *(Good Knowledge)*
- MadCap Flare: Topic-based authoring, single sourcing, and multi-channel publishing. *(Working Knowledge)*





DEVELOPMENT TOOLS, SCRIPTING & VERSION CONTROL

Development Environments & Editors

- Source Code Editors & IDEs: Confident use of development environments for editing code, scripts, XML, Markdown, configuration files, and documentation source content.

Tools: Visual Studio · Visual Studio Code · Notepad++ · Sublime Text
(Very Good Knowledge)

Scripting & Web Technologies

- Python & Scripting: Utilization of scripting and command-line environments for text processing, file handling, automation, build tasks, and lightweight tools.

Technologien: Python · Windows Batch · Bash / Shell · Termux
(Good Knowledge)

- Web & Content Technologies: Deployment of web and CMS technologies for maintaining structured content, documentation pages, and web-based information architectures.

Technologien: HTML · CSS · PHP · JavaScript · WordPress · CMS
(Good Knowledge)

Version Control & Configuration Management

- Azure DevOps / TFS: Use for version-controlled content, project workflows, issue tracking, build processes, release documentation, and collaboration. (Very Good Knowledge)

- IBM ClearCase: Configuration management, controlled file versions, technical documentation, software-related information, and engineering workflows. (Very Good Knowledge)

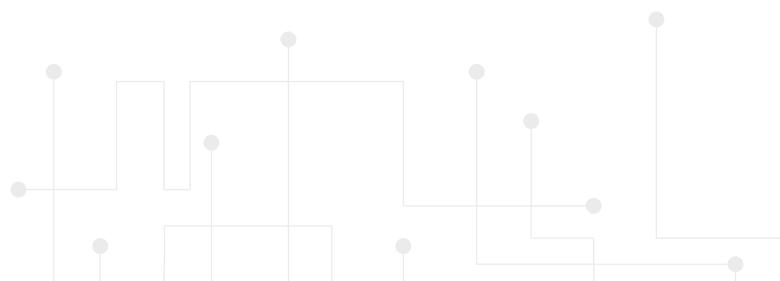
Repository, Release & Build Management

- Repository Management: Management of structured repositories for technical files, documentation, scripts, configurations, and version states. (Good Knowledge)

- Release Management: Experience with release documentation, controlled changes, SAP Release Notes, build environments, and structured information. (Good Knowledge)

- CI/CD & Build Automation: Understanding and use of automated build and delivery concepts for documentation generation and file transformations. (Good Knowledge)

- Git / GitHub: Use of repositories, commits, branches, version control, and collaborative workflows in Docs-as-Code environments. (Working Knowledge)



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ENGINEERING, QUALITY & COMPLIANCE

Engineering & Technical Documentation

- Systems Engineering: Understanding of complex technical systems, interfaces, lifecycle information, requirements, and system relationships. (Very Good Knowledge)
- Mechanical Documentation: Documentation of mechanical systems, assemblies, installations, maintenance processes, and technical configurations. (Very Good Knowledge)
- Software Documentation: Documentation of software functions, interfaces, workflows, parameters, release information, and system behavior. (Very Good Knowledge)
- Assembly Documentation: Creation and review of step-based assembly instructions, visual sequences, and production-related documents. (Very Good Knowledge)
- Service Documentation: Creation and structuring of documents for maintenance, troubleshooting, service, repair, and support. (Very Good Knowledge)

Electrical Engineering & Documentation

- Electrical Documentation: Understanding, analysis, and professional documentation of electrical and electronic systems, circuitry, technical drawings, interfaces, and components. (Very Good Knowledge)
- Requirements Documentation: Structuring and documentation of technical requirements, system specifications, and engineering information. (Good Knowledge)

Risk Analysis & Quality Management

- FMEA: Application of Failure Mode and Effects Analysis for the systematic identification and assessment of technical risks. (Good Knowledge)
- Risk Assessment: Conducting structured risk assessments in industrial and technical environments. (Good Knowledge)
- ISO 13485: Quality management requirements in regulated medical device environments. (Good Knowledge)

Standards & Directives (Compliance)

- ISO 12100: Application of machinery safety principles, risk assessment, hazard reduction, and their direct integration into technical documentation. (Very Good Knowledge)
- EN ISO 20607: Implementation of specific requirements for instruction handbooks and compliant technical documentation of machinery. (Very Good Knowledge)
- IEC 62366-1: Practical application of usability engineering principles for medical devices and their impact on user documentation. (Very Good Knowledge)
- ISO/IEC/IEEE 26514: Compliance with international requirements and architectural principles for the design and development of user documentation. (Very Good Knowledge)



LOCALIZATION, QA & APPLICATION DOCUMENTATION

Localization & Translation QA

- Localization QA: Quality assurance of localized software and content, ensuring visual layout integrity, functional context, and consistent multilingual user experience. (Very Good Knowledge)
- Linguistic QA: Cross-verification of delivered translations against corporate terminology, technical glossaries, and established communication guidelines. (Very Good Knowledge)
- UI Localization Review: Review of multilingual user interfaces with a focus on screen flow alignment, interactive elements, and navigation logic. (Very Good Knowledge)
- Internationalization / Localization Workflows: Strategic management of I18n/L10n processes, multilingual content architecture, and translation pipelines. (Very Good Knowledge)

Applikations-Mapping & UI-Dokumentation

- Application Mapping: Documentation and visual mapping of applications, screens, navigation paths, user flows, and functional structures. (Very Good Knowledge)
- UI Documentation: Creation and review of documentation for software interfaces, screen flows, user interactions, and functional behavior. (Very Good Knowledge)
- User Flow / Screen Flow Documentation: Structured representation of user journeys, screen sequences, navigation logic, and application workflows. (Very Good Knowledge)

Testing & Language Assessment

- Manual Testing: Structured testing of software functions, user flows, and interfaces from a documentation and user perspective. (Good Knowledge)
- Functional Testing: Verification of application functions against expected behavior, workflows, and requirements. (Good Knowledge)
- Language Assessment: Structured evaluation of language quality, terminology usage, and suitability within technical and software environments. (Good Knowledge)

