

Alexandra Clymer

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Senior Technical Writer

Developer Documentation • AI-Optimized Content • Cloud Infrastructure • Docs-as-Code • Content Strategy

SUMMARY

Senior technical writer specializing in developer-focused documentation for cloud infrastructure systems. Expert at translating complex APIs, security configurations, and system architecture into clear, comprehensive content for external audiences. Proven experience building docs-as-code platforms from the ground up, designing scalable content systems, and partnering closely with engineering and product teams to improve the user experience. Hands-on experience with AI-assisted documentation workflows.

SKILLS & EXPERTISE

- **Docs-as-Code** (Markdown • GitHub • YAML • Static site generation • Swagger/OpenAPI)
- **Developer Documentation** (API Reference • Troubleshooting • Security & IAM • Configuration guides)
- **Content Strategy** (Information architecture • Content reuse • AI content optimization)
- **Coding/Front-End Development** (Python • HTML • CSS • JavaScript • PHP • Figma • VSCode • XML/DITA)
- **Visual Communication** (UI/UX • Technical illustration • Video tutorials • Photoshop • Illustrator • Camtasia)

WORK EXPERIENCE

Senior Technical Writer - *Raytheon*

November 2025 - Present | Aurora, CO (Remote)

Designed and implemented a modern docs-as-code documentation strategy, transforming legacy PDF-based documentation into a scalable HTML documentation solution for an Agile environment.

- Migrated legacy Word documentation to Markdown and built a static HTML documentation site by creating custom Python tooling, establishing a docs-as-code workflow from the ground up.
- Leveraged AI tools and LLMs to accelerate content development, documentation review, and gap analysis. Conducted testing of AI responses and refined content for ingestion.
- Facilitated collaboration between the UI/UX and software engineering teams by building a proper development process through implementation of JIRA and Figma.

Principal User Assistance Developer (Technical Writer) - *Oracle*

March 2012 - September 2025 | Broomfield, CO (Remote)

Oracle Cloud Infrastructure (OCI)

Led end-to-end development of customer-facing documentation for an OCI cloud service (including user guides, API documentation, troubleshooting, security guides, and release notes). Collaborated with developers, product management, UI/UX, and support teams to understand system behavior, edge cases, and user pain points.

- Conducted hands-on testing of UI, API, and CLI workflows to validate procedures, ensure technical accuracy, and identify gaps in usability.

- Authored security configuration documentation for OCI cloud services, translating complex IAM policies, network security rules, and encryption workflows into clear developer content.
- Wrote a Python script to automate Oracle Linux image release notes generation, reducing a task that took 5 hours to 15 minutes.
- Edited and enhanced Swagger/OpenAPI specifications by reviewing 1,200+ description statements and working with developers to add SDK examples to improve the API reference guide.
- Leveraged AI tools (ChatGPT and Copilot) to review and develop new content, summarize SME demos, and analyze code for API documentation.

Linux and Virtualization Training

Developed technical training content focused on open source Linux technologies and cloud infrastructure concepts.

- Created the 'Introduction to Oracle Linux' YouTube course with 10+ instructional videos.
- Experimented with Oracle Linux compute instances, learning Linux concepts firsthand to develop course material by capturing screens, audio, and visual aids.
- Improved video production workflows by creating Camtasia templates and recording standards.

StorageTek Tape Storage

Owned and maintained customer-facing documentation for both hardware and software tape storage products, including APIs and web-based GUIs.

- Created technical illustrations using Photoshop/Illustrator and photography for the entire writing team.
- Reworked legacy content to reduce word count by 50% and significantly reduce translation cost, utilizing expertise in concise, minimalist topic-based writing.
- Converted documentation from unstructured to structured XML, developed new templates, and updated HTML style using CSS.

Project Engineer - Apogee Scientific

August 2010 - March 2012 | Englewood, CO

Performed mercury emissions testing at coal-fired power plants and operated a packed-bed mercury laboratory. Completed site visits to evaluate future test sites, develop test plans, order equipment, conduct instrument setup and maintenance, manage subcontracted test crews, and coordinate with clients to meet test specifications.

- Authored the final technical reports for full-scale mercury testing and laboratory testing.
- Rewrote an outdated user guide for the mercury monitor, creating detailed equipment diagrams.
- Designed sales pamphlet to showcase capabilities of FTIR testing equipment.

EDUCATION

B.S. Mechanical Engineering

Colorado School of Mines | 4.0 GPA