

Andrew Cleverly

Senior API Technical Writer | Documentation Strategist | Developer Experience Advocate

Llandybïe, Wales, UK (Open to relocation)

andrewcleverly@hotmail.com | [LinkedIn - Andrew](#) | [GitHub Repositories](#) | [Portfolio](#) | [Documentation portal created and managed](#)

Professional Summary

Experienced and versatile Senior Technical Writer with 7+ years of progressive experience in technical communication, specializing in API documentation, embedded systems, developer platforms, and the scientific sector. Proven success architecting global documentation frameworks, integrating doc workflows into CI/CD pipelines, and collaborating cross-functionally to deliver high-quality content across complex hardware/software ecosystems. Passionate about translating technical detail into accessible, actionable documentation that enhances both user experience and business success.

Core Competencies

- API Documentation (REST, OpenAPI 3.1)
 - Doc-as-Code (CI/CD Integration)
 - Developer Portals (Redocly Realm)
 - Embedded Systems & Technical Integrations
 - YAML, JSON, Python, HTML/CSS
 - Postman, AWS (API Gateway), Azure DevOps
 - Information Architecture & Content Strategy
 - Cross-Functional Collaboration (Global Teams)
 - Agile Methodologies & Sprint Planning
 - Content Review Workflows & Governance
 - Biosensor Development & Prototype Design
 - Scientific Documentation (R&D & Regulatory)
 - Strategic Leadership in Technical Environments
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Professional Experience

Senior Technical Writer (API)

Creditsafe | Cardiff, Wales, UK · Remote | Jan 2022 – Present

- First technical writer hired to lead API documentation across a multi-product platform with global reach.
- Built and scaled a full-stack documentation function—migrated from raw Swagger files to a fully interactive Redocly Realm portal.
- Designed and implemented a modular OpenAPI 3.1 architecture with Python-based bundling and advanced YAML structuring.
- Developed OpenAPI documentation directly from code, building a robust Doc-as-Code pipeline and maintaining detailed dependency documentation for each product within the OpenAPI structure.
- Integrated documentation into Azure DevOps CI/CD pipelines, automating publication and version control workflows.
- Authored, curated, and maintained content for internal and external developer audiences, including Quickstart guides, changelogs, workflows, and error handling.
- Led internal API governance, reviewing specs and establishing standards with engineering and product teams across various geographies.
- Delivered phased internal and external releases with stakeholder onboarding, demos, and C-level presentations.
- Created QA workflows and conducted customer-focused API testing using Postman and internal tools to ensure clarity, accuracy, and developer success.
- Strategized long-term documentation planning, enabling multi-team contributions while ensuring consistency through review and governance processes.

Project Sample: doc.creditsafe.com

Project Breakdown: clever-technical-writing.com

Co-Founder & Senior Chemist / Director

Sawdde Diagnostics Ltd | Llandeilo, Wales, UK | 2019 – 2025

- Co-founded and directed a biotech start-up developing biosensor technology for early sepsis detection.
- Led biochemical R&D and prototype design, uncovering the mechanism and clinical relevance of a previously identified diagnostic marker used in early-stage sepsis detection.
- Drafted and authored sections of scientific documentation and regulatory frameworks for biosensor fabrication, reviewing additional materials created by collaborators for accuracy and compliance.
- Worked jointly with the other company director on the design and implementation of rapid prototyping workflows, integrating chemistry, electronics, and microfluidics to validate proof-of-concept devices.

- Directed strategic company planning and stakeholder communications, aligning technical milestones with commercial viability.
- Collaborated cross-functionally with engineers, clinicians, and academic partners to optimise sensor performance and reproducibility.

Key Achievements: - Advanced understanding of biochemical markers into a functional biosensor prototype and testing protocol. - Created first drafts of documentation for subsequent revision and refinement by technical and production partners. - Represented company in investor presentations and technical discussions, demonstrating both scientific expertise and strategic acumen.

Core Skills:

Biosensor Development | Biochemical Analysis | Prototype Design | Scientific Documentation | Strategic Leadership

Education

Bachelor of Science (BSc), Chemistry

The Open University | 2014 – 2020

Certifications & Training

- Python Programming
 - Responsive Web Design – freeCodeCamp
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Additional Information

- Open to relocation to the United States or Spain
- Demonstrated experience with hardware/software integration, documentation scaling, and strategic communication
- Writing samples and portfolio available on request or at: clever-technical-writing.com