

Bradley Fidler

Technical Writer: docs platforms, AI workflows, delivery

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SUMMARY

Senior Technical Writer specializing in API documentation and docs-as-code. I lead documentation strategy, content development, and docs platform. I build OpenAPI and prose workflows that accelerate releases, enable SME contributions, and prepare documentation for AI applications. Experienced in Python automation for docs CI/CD, schema validation, and content pipelines.

EXPERIENCE

Senior Technical Writer — DomainTools

Oct 2023 – Present

Seattle (Remote), WA, US · <https://docs.domaintools.com>

Own docs.domaintools.com platform and Python tooling for a 150-person company. Build OpenAPI workflows, PDF generation, and LLM integrations that enable same-day delivery.

- Migrated 120+ documents into unified platform (mkdocs-material) with CI/CD, Swagger UI, and SME contribution workflows.
- Completed OpenAPI specifications for production code generation and validation.
- Built Python/Jinja2/LaTeX PDF generator with theming and dynamic TOC for branded documentation.
- Created MCP server that guides LLMs through deterministic fixes using Vale, markdownlint, spaCy, and custom linters.
- Developed FastMCP server with anti-hallucination features for context-aware editing in production workflows.

Contract Technical Writer — JPMorgan Chase & Co.

Apr 2023 – Sep 2023

Jersey City (Hybrid), NJ, US

Managed the Hybrid Cloud Migration Hub for JPMorgan Chase's central IT organization. Wrote and distributed AWS cloud migration policy in consultation with senior managers and SMEs.

Technical Writer — Romeo Power, Inc.

Jun 2022 – Mar 2023

Los Angeles (Remote), CA, US

Wrote customer-facing and software development process documentation supporting ISO 9001 configuration management.

Faculty (Assistant Professor), Science and Technology Studies — Stevens Institute of Technology

Aug 2017 – May 2021

Hoboken (Hybrid), NJ, US · <https://www.stevens.edu>

Taught and published on technology history and policy while expanding into private-sector consulting.

- Institutionally recognized lecturer; career student evaluation of 3.9/4.
- Consulted on technical and policy projects for Google, ICANN, NSF, and Lockheed Martin.

Researcher (Assistant) — UCLA Computer Science

Sep 2013 – Jan 2017

Los Angeles (Hybrid), CA, US · <https://www.cs.ucla.edu>

Writer and researcher on a DARPA-supported networking policy study.

PROJECTS

Documentation Diagnostic Tools (DDT)

MCP server integrating Vale, markdownlint, spaCy, and custom linters to guide LLMs through deterministic documentation fixes. Provides context-aware suggestions for style, structure, and technical accuracy.

PDF Documentation Generator

Python tooling using Jinja2 templates and LaTeX rendering to produce branded PDF documentation with theming, dynamic table of contents, and automated builds.

Event Log — <https://github.com/brfid/event-log>

Python demo project using OpenAI API for fitness and nutrition tracking with natural language input and structured data extraction.

Promptfoo-evals — <https://github.com/brfid/promptfoo-evals>

Helper script for comparing LLM responses to a given technical writing prompt.

SKILLS

Docs platform and automation

Markdown · git · OpenAPI · MkDocs/Docusaurus/SSG · GitHub Actions · CI/CD · Python 3.11+ · pytest · Ruff · CLI tooling · venv/pipx · YAML/JSON pipelines · Vale

API and Developer Tooling

OpenAPI · Swagger · Postman · cURL · Bruno · schemathesis

Content Architecture and Generative AI

MCP (Model Context Protocol) · Chunking · Embeddings · RAG metadata · LLM CLI/IDE tooling · Prompt design · Prompt evaluation · Hugging Face inference

Security and Networking

BGP · DNS · SIEMs · SOARs · IPv4 · IPv6 · Wireshark

EDUCATION

UCLA — PhD History (information systems)

PUBLICATIONS

Threat Feeds OpenAPI 3.1 Specification — <https://docs.domaintools.com/feeds/openapi/>
DomainTools · 2025-05-01

DomainTools Technical Documentation — <https://docs.domaintools.com>
DomainTools · 2025-01-01

Primary author and editor of technical documentation for DomainTools APIs and data products.

Work-From-Home and COVID-19: Trajectories of Endpoint Security Management in a Security Operations Center — <https://www.usenix.org/conference/usenixsecurity23/presentation/jones>
USENIX Security '23 · 2023-08-01

Edge Cryptography and the Codevelopment of Computer Networks and Cybersecurity — <https://doi.org/10.1109/MAHC.2016.49>
IEEE Annals of the History of Computing · 2016-10-01