Scott McMahan

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Professional Profiles

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Professional Summary

Technical writer and content specialist with extensive experience developing how-to documentation. Skilled at collaborating with subject matter experts (SMEs) to ensure accuracy and clarity of technical instructions. Strong background in data analysis, work instruction development, and continuous improvement projects.

Core Skills

- **Technical Documentation:** Work instructions, training guides (for other writers)

- **Maintenance Support:** Renewable energy operations, continuous improvement

- **Data & Analysis:** Excel (pivot tables, lookups), SQL, Access, MySQL, MongoDB, data visualization, VB

- **Collaboration:** SME engagement, feedback collection, technical reviews, document editing, software troubleshooting

- **Software & Tools: MS Office,** GitHub, VSCode, Jupyter Lab, Pandas, Matplotlib, Plotly,

Professional Experience

RWE Clean Energy, LLC – Austin, TX
Technical Writer | 2022 to Sept. 2025

- Created **work instructions** for wind turbine, solar, and battery storage maintenance and repair.

- Collaborated with **technicians and subject matter experts** to verify accuracy and compliance with operational standards.

- Produced clear, actionable documents to support **safe field execution** and **training.**

- **Worked with proprietary software developers to document and troubleshoot software issues for writing team.**

- **Produced weekly and monthly team progress reports with Excel and VB.**

Anthropics Technology Ltd. UK – Austin, TX
Technical Content Writer | 2021

- Drafted a comprehensive **software review** published on Geek Culture (Medium).

- Translated complex technical features into **practical user content**.

GoAustinRealtor.com – Austin, TX
Web Developer | 2019 – 2020

- Built and managed a **WordPress site** to support realtor operations.

- Authored step-by-step guides for staff to maintain listings and galleries.

PowerPulse.net – Austin, TX
Contributing Editor | 2019

- Wrote and edited **500+ technical articles** from SME interviews, datasheets, and press releases.

- Improved SEO with Yoast Professional, increasing site **visibility and traffic**.

Veriphos Communications – Austin, TX
Technical Content Writer & Editor | 2005 – 2018

- Produced **10K+ articles and monthly editorials** on LED technologies, drivers, and controls.

- Increased readership to **1M monthly page views** across three websites.

- Partnered with SMEs to convert technical data into **user-ready instructions and features**.

Freelance Web Developer – Austin, TX
Independent Consultant | 2002 – 2005

- Designed and deployed client websites, providing **SEO improvements** and documentation for ongoing use.

- Delivered **training and support guides** to non-technical users.

Selected Projects

- **Wind Turbine Maintenance Documentation (RWE, 2022):** Drafted step-by-step turbine maintenance and repair guides with SME review.

- **Worked with Writing team to create Weekly and Monthly progress reports**

- **Data Visualization:** Built interactive dashboards (Python, Plotly, D3) including a **global happiness map** and an **animal shelter analysis** project.

Education

Texas A&M University – College Station, TX

- Master of Science, **Science & Technology Journalism**

- Bachelor of Science, **Journalism**

University of Texas – Austin, TX

- Certificate, **Data Analysis & Visualization Bootcamp**

Licenses & Certifications

- Data Analysis & Visualization Bootcamp Certificate – UT Austin

- Advanced Excel (Pivot Tables, VLOOKUP, Data Analysis)

- Technical Writing & Documentation Specialization (in progress)