

CAROLINE GAKII

CONTENT & TECHNICAL WRITER | AI & MACHINE LEARNING | DATA SCIENCE

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PROFESSIONAL SUMMARY

Content and Technical Writer with 9 years of experience creating educational, technical, SEO, and thought leadership content for global audiences. Specializes in transforming complex topics in artificial intelligence, machine learning, data science, software engineering, and emerging technologies into clear, engaging, and technically accurate articles, tutorials, case studies, white papers, and long-form guides. Since 2020, has partnered with international clients through Upwork, earning **\$20,000+**, achieving **Top Rated status**, and maintaining consistent 5-star reviews. Published **140+ articles on Medium** with 970+ followers. Founded **Mindful Data Science**, an independent publication for practical AI and data science tutorials. Combines deep technical knowledge — including hands-on ML research and LLM evaluation — with storytelling and SEO best practices to create content that educates, engages, and converts.

PROFESSIONAL EXPERIENCE

Content & Technical Writer June 2020 — Present

Upwork & Direct Clients (Freelance)

- Earned **\$20,000+** delivering technical content for international startups, SaaS companies, and AI organizations.
- Achieved **Upwork Top Rated status** with consistent 5-star reviews and long-term repeat client relationships.
- Produced technical articles, blog posts, tutorials, white papers, case studies, website content, and thought leadership covering AI, machine learning, data science, cloud technologies, and software engineering.
- Conducted research using technical documentation, research papers, and SME interviews to ensure factual accuracy.
- Simplified complex engineering and AI concepts into engaging, reader-friendly content for technical and non-technical audiences.
- Applied SEO best practices to improve search visibility without compromising technical depth or readability.
- Managed the complete content lifecycle: research, outlining, writing, editing, revision, and publication.

Founder & Editor 2025 — Present

Mindful Data Science (Medium Publication)

- Founded independent publication dedicated to making AI, ML, and data science accessible through practical tutorials.
- Published **10+ technical articles** covering computer vision, Python, SQL, and real-world AI deployment.
- Translate complex research into practical tutorials for learners, engineers, and technical professionals.
- Build a growing publication connecting academic AI concepts with real-world industry applications.

Independent Writer & Essayist July 2023 — Present

Medium (@CarolineWriteups)

- Published **140+ original articles** across AI, software, personal growth, relationships, creativity, and storytelling.
- Built an engaged audience of **970+ Medium followers**.
- Published in established Medium publications: **Good Vibes Club**, **Never Stop Writing**, and **Catharsis**.
- Developed a distinctive writing voice combining technical depth, emotional intelligence, and compelling storytelling.

AI Trainer

Turing

- Evaluate large language model outputs using structured quality guidelines to improve model performance and factual accuracy.
- Identify hallucinations, factual inaccuracies, logical inconsistencies, and reasoning failures in AI-generated content.
- Designed prompts that challenged model reasoning and exposed failure cases on NVIDIA Nemotron and Qwen models.
- Contributed human feedback used to improve frontier language models via RLHF pipelines.

SELECTED PUBLICATIONS

I Trained ResNet, CoAtNet, and DenseNet on Real Cancer Images. Here's What Surprised Me	Mindful Data Science
What I Learned When My 96% Accurate Gastric Cancer Classifier Met the Real World	Mindful Data Science
What Domain Shift Taught Me About Building Machine Learning Models for Production	Mindful Data Science
Why AI Requires African Voices: Creating Inclusive Models for a Diverse World	Mindful Data Science
The Nightmare of Heterogeneous Data: Building an Invariant Preprocessing Pipeline	Mindful Data Science
Life Will Test You	Good Vibes Club
The Long Way Back to Yourself	Catharsis
Evening Walks Are Glorious	Never Stop Writing

WRITING SERVICES & SPECIALIZATIONS

Content Types	Subject Matter	Skills & Tools
Technical Articles & Blogs	Artificial Intelligence	SEO Writing
White Papers	Machine Learning	API Documentation
Case Studies	Data Science	Ghostwriting
Developer Tutorials	Software Engineering	Content Strategy
Long-form Guides	Cloud Technologies	Research & Fact-checking
Thought Leadership	Emerging Technologies	Editorial Writing

TECHNICAL KNOWLEDGE

AI & Machine Learning	Data Science	Platforms
LLM Evaluation · RLHF	Python · SQL	Medium · Substack
Computer Vision · CNNs	Pandas · NumPy	GitHub · Git
Prompt Engineering	Data Visualization	WordPress · Google Docs
TensorFlow · Keras	Statistical Analysis	Upwork (Top Rated)
Model Evaluation Metrics	Jupyter Notebook	Grammarly · Hemingway

KEY ACHIEVEMENTS

- Earned **\$20,000+** on Upwork with Top Rated status, 5-star reviews, and long-term repeat clients.
- Published **140+ articles** on Medium with 970+ followers across AI, ML, personal growth, and storytelling.
- Founded **Mindful Data Science**, a Medium publication for practical AI and data science education.
- Featured in **Good Vibes Club**, **Never Stop Writing**, and **Catharsis** on Medium.
- Evaluated frontier LLMs (NVIDIA Nemotron, Qwen) at Turing — contributed RLHF feedback to improve AI models.

- Conducted Master's research on **AI-powered computer vision** for cancer and malaria diagnosis in resource-limited settings.

EDUCATION

Master of Science in Data Science *(Ongoing)*

2023 — Present

Meru University of Science and Technology · Machine Learning, Deep Learning, Data Mining, Big Data Analytics

Bachelor of Computer Technology

Completed

Meru University of Science and Technology

PORTFOLIO & LINKS

Portfolio: carolinegakii.github.io Medium: @CarolineWriteups Mindful Data Science: medium.com/mindful-data-science

GitHub: CarolineGakii Upwork: [Top Rated Profile](#)

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