Dipl. Psych. Mag. Wolfgang Dafert

Generative AI-focused Tech Lead | Project Manager | Consultant

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Professional Summary

Dynamic and results-oriented generative AI professional with 16+ years of experience in IT and 9 years leading software development teams. My 2+ years of focused experience in Generative AI have allowed me to build a strong track record of developing and implementing innovative solutions across multiple industries. I combine technical expertise, project management skills, and business acumen to deliver impactful AI-powered products.

Recent Experience

TSTPrep, USA | AI Consultant | 2024 - Present

- Design and develop LLM-powered (ChatGPT and Gemini) solutions for teacher support, automating tasks, and improving educational outcomes.
- Implemented prompt engineering and evaluation frameworks to enable rapid iteration, resulting in a 50% reduction in content production time due to LLM usage.

Unison Media, New York, NY | CTO | 2021 - 2024

- Defined and implemented the technical vision and strategy for a New York-based media agency, overseeing the development and project management teams.
- Spearheaded the adoption of a Zoho intranet, SOPs, and training manuals to optimize staff efficiency, automate business processes, and streamline website development.
- Assisted the CEO and team with a successful migration to Zoho One.

Sea.earth, Glasgow, UK | CTO & Technical Lead | 2021 - 2022

- Led technical research and development for a blockchain-based environmental startup.
- Researched and delivered feasibility reports on utilizing smartphones for environmental data collection, resulting in a successful grant application for $50,000.

- Designed an architecture for storing blockchain data in the InterPlanetary File System (IPFS) to enhance data security and accessibility.

Cekaso, Hamburg, Germany | Project Manager | 2019 - 2021

- Managed a team of 5+ developers to build custom POS software solutions for a leading European furniture purchasing group, resulting in a 15% reduction in order processing time.
- Played a key role in UI/UX design and client-facing project management, ensuring on-time and within-budget product delivery.

Technical Skills

Programming Languages: Python, Java, JavaScript, HTML5, CSS, SQL, NoSQL

Machine Learning & AI:

- Frameworks: PyTorch, TensorFlow, HuggingFace Transformers, Scikit-learn
- NLP: spaCy, Transformers
- Generative AI: ChatGPT, Gemini, Langchain, Advanced and Complex Prompt Engineering, Fine-tuning LLMs

Cloud Technologies & MLOps:

- AWS: SageMaker (Training, Deployment), EC2, S3
- GCP: Vertex AI (Pipelines, Training), Cloud Functions
- Azure: Machine Learning Studio (Experimentation, Pipelines)

Other Tools: Jira, ClickUp, Notion, Zoho Projects, Git, Agile Methodologies

Areas of Expertise

- Generative AI: Prompt Engineering, Fine-tuning LLMs, RAG (Retrieval Augmented Generation), Chatbots
- Model Training, Evaluation & Deployment
- Client-facing Communication & Stakeholder Management
- Team Leadership & Mentorship

Education

University of Vienna & University of Braunschweig, Germany | Mag. (Dipl. Psych.) Applied Psychology/Usability | 2003

- Master's Thesis: "Navigational training in real and immersive virtual environments"