



Principal Consultant | Software Architect | Cloud, GenAI & Technology Enablement

CORE COMPETENCIES

Technology Leadership: Technology capability building, technical standards, architecture reviews, delivery excellence, technical leadership, coaching and enablement.

Generative AI: LLMs, RAG, Azure OpenAI, Azure AI Search, Vertex AI, LilaLLM, Langfuse, LangChain, AI agents and coding assistants.

Cloud & Platform Engineering: AWS, Azure, GCP, Kubernetes, Terraform, CI/CD, GitOps, IAM, security, observability and cloud cost management.

Business & Consulting: Presales, solution shaping, effort estimation, workshops, C-level communication and technical proposal development.

CONTACT

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VINCENT MARTENS

Principal Consultant and Software Architect with a focus on Generative AI, cloud architecture, DevOps, platform engineering and technology enablement. Active in IT since 2014, with several years of experience in consulting, architecture and technical leadership roles.

I have experience modernising complex platform and system landscapes, building scalable cloud and AI solutions, and improving release management, security and delivery processes. Alongside client work, I take responsibility for technology capability building, internal cloud and SaaS platforms, employee development, technical training, presales support and technical quality assurance.

My focus is on establishing sustainable technical standards, enabling engineering teams and creating lasting improvements in architecture, delivery and AI adoption.

PROFESSIONAL EXPERIENCE

PRINCIPAL CONSULTANT (ACLUE GMBH | SINCE 01/2026)

As a Principal Consultant, I play a central role in building and developing Aclue's technology capabilities. My focus is on cloud, Generative AI, DevOps, software architecture and delivery excellence. In addition to providing technical leadership in client engagements, I am responsible for internal standards, employee development, training formats, presales support and technical quality assurance. I act as a trusted advisor to executive leadership, Tribe Leads, project teams and clients on architecture, cloud, AI and platform decisions. I prepare technical decision briefs, support proposal development and project shaping, and help ensure that technology capabilities are built systematically, scaled sustainably and applied effectively in client engagements.

SENIOR CONSULTANT (ACLUE GMBH | 2024-2025)

As a Senior Consultant, I focused on the technical leadership and delivery of complex cloud, DevOps and Generative AI projects. I supported clients with architecture decisions, implementation, deployment automation and the establishment of modern development and operational processes. In parallel, I expanded internal training formats and increasingly developed my role towards technology enablement, presales support and organisation-wide quality standards.

CONSULTANT

As a Consultant, I worked on cloud, DevOps and software engineering projects with a focus on AWS, Kubernetes, CI/CD, serverless architectures and modern application development. Alongside implementation work, I took early responsibility for architecture decisions, deployment processes and technical consulting. During this period, I also took ownership of Aclue's internal cloud and SaaS systems.



VINCENT MARTENS

TECHNOLOGY ENABLEMENT, TRAINING & PUBLIC SPEAKING

A significant part of my work is enabling developers, consultants, business stakeholders and management teams to use technology effectively. I have designed and delivered internal and external training sessions on Kubernetes, AWS, Generative AI, GPT in software development, AI projects and AI engineering.

I also regularly speak at technical events and facilitate workshops on GenAI integration, AI-enabled software engineering, serverless architectures and cloud topics. My strength lies in translating emerging technologies into concrete engineering, architecture and organisational practices.

Selected speaking engagements and formats:

- Speaker at DWX / Developer Week 2023
- Guest speaker on the DAWICON CFO Insight Podcast
- AWS User Group talk: *"No Lambda, No Problem: Building Functionless Serverless Workflows"*
- Internal talks on GPT for HR, Generative AI experience sharing, Kubernetes and AWS
- Client and internal workshops on GenAI integration and AI in software engineering

TECHNOLOGY LEADERSHIP, CAPABILITY BUILDING & INTERNAL PLATFORM OWNERSHIP

Since joining Aclue, I have taken ownership of the company's internal cloud, SaaS and technology platform landscape. This includes AWS Organizations, Azure, Entra ID, Microsoft 365, GCP, Google Workspace, GitHub, Atlassian, Dynamics CRM and Intune. My scope extends beyond administration and operations to governance, access management, security, cost management, tool decisions and the continuous improvement of internal technology practices.

I prepare decision briefs for tool selection, vendors and partnerships, including AWS and IONOS partnership initiatives. I regularly align technical options, costs and risks with executive leadership and support project teams as a technical advisor on cloud, deployment, DevSecOps, automation and engineering standards.

A further focus is employee development and technology enablement. I redesigned the internal employee development framework, structured skill areas and levels of expertise, and support Tribe Leads in developing Consultants and Senior Consultants. The goal is to build technology capabilities intentionally, make them visible and scalable, and apply them effectively in client engagements.

PRESALES & SOLUTION SHAPING

In presales engagements, I regularly act as a technical expert and Solution Architect. I support more than ten client meetings per year, develop solution approaches, estimate effort, contribute to proposals and advise on scope, feasibility, risks and technical delivery models.

I present cloud, AI, DevOps and architecture topics to business stakeholders, IT leadership, management and C-level audiences. My focus is not traditional sales or account management, but translating technical opportunities into realistic, deliverable and commercially viable initiatives.



VINCENT MARTENS

INTERNAL PROJECTS

Internal Onboarding Chatbot since 05/2023

Developed a Microsoft Teams-integrated chatbot to support employee onboarding. The system uses Large Language Models, Retrieval-Augmented Generation and a vector database to make information from Confluence and other internal systems accessible through a conversational interface. My focus included architecture, further development, Azure deployment and the secure use of Generative AI in an internal enterprise context.

Skillmatrix

Contributed to the development of an internal application for managing employee profiles, skills and development areas. The application uses a graph database as its persistence layer. I take responsibility for project organisation, planning and prioritisation.

SELECTED PROJECTS

DevOps & Cloud Architect / Technical Delivery Lead Financial Services | since 06/2025

In a regulated financial services environment, I support the modernisation of an established and historically evolved GCP-based system landscape. The focus is on release management, security, platform standards, access management, documentation and the introduction of secure and compliant AI-enabled software engineering practices.

In close collaboration with IT leadership, I combine hands-on platform and DevOps work with technical coordination. I prioritise work packages, facilitate refinements, unblock technical issues and coordinate changes with adjacent teams. The initial deployment process was heavily branch- and environment-driven, slow and error-prone. Containers were rebuilt repeatedly for each environment, responsibilities were unclear, permissions were overly broad and Terraform configurations were inconsistent. I prepare technical decision briefs and help establish shared standards across the platform.

Together with the team, I am building a new release management approach based on shared pipelines, idempotent images, trunk-based development and feature flagging. In parallel, we are separating application deployments from infrastructure deployments and improving IAM, documentation, CVE processes and platform standards.

I also support the technical foundation for secure AI usage in software engineering through Vertex AI, LiteLLM and Langfuse, including guardrails, logging and traceability in a BaFin- and DORA-oriented regulatory environment.

IT-Governance & Information Management Foundation | 02/2026 – expected until 12/2026

I support a foundation in professionalising its data storage and information management processes. The focus is on reducing redundant, obsolete and trivial data in line with the ROT principle and on establishing clearer standards for information storage, ownership and long-term maintenance.

In collaboration with IT and executive management, I design and facilitate workshops, analyse existing structures and develop recommendations for more sustainable information management. Following a successful initial engagement, I onboarded an additional colleague to broaden delivery capacity and support implementation.



VINCENT MARTENS

CERTIFICATES

[Generative AI for everyone](#)

[Generative AI with LLMs](#)

[Microsoft Certified: Azure AI Fundamentals](#)

[AWS Solutions Architect Associate](#)

[AWS Developer Associate](#)

[AWS Cloud Practitioner](#)

ACTIVITIES AND INTERESTS

Surfing
Snowboarding
Great food and cooking
Smart-Home automations

SELECTED PROJECTS

AI Engineering Enablement / Pilot Training

Enterprise Software Development | 2026

Designed a full-day training format for the efficient and compliant use of AI agents and coding assistants in software development. The format is aimed at developers, architects, Tech Leads and Engineering Managers and enables teams to use tools such as GitHub Copilot, Claude Code, Codex and OpenCode professionally across requirements analysis, implementation, testing, code reviews, refactoring and CI/CD workflows.

The focus is on increasing productivity without compromising quality: structured context building, human oversight, secure tool usage and the management of hallucinations, data leakage, IP and licensing risks, and compliance requirements. Following an initial pilot session, the client will decide on a broader enablement programme for a large engineering organisation.

Enterprise Knowledge Chatbot

Energy Sector | 03/2024 – 01/2025

Designed and developed multiple chatbots within a web application using Azure OpenAI, Azure AI Search and Retrieval-Augmented Generation. Responsibilities included backend implementation with LangServe, LangChain and FastAPI, the document ingestion pipeline, and frontend contributions using React, Redux Toolkit and Material UI. I also supported feature prioritisation, technical consulting and the continuous development of the application.

E-Commerce Platform Transformation

Retail | 08/2022 – 02/2023

Held architecture and integration responsibility during the transformation of multiple international online shops from a legacy e-commerce platform to a new headless SaaS solution. The scope included macro architecture, authentication and authorisation using Keycloak and OAuth2, workshops, alignment across business entities and coordination of external service providers.