



PROFIL

Vincent Martens began his career as an IT specialist and developed into a Senior Consultant with a clear focus on cloud technologies and generative AI. Since 2014, he has been continuously deepening his expertise, particularly in the field of Large Language Models (LLMs) since 2023. In addition to his technical skills in software development and architecture, he is distinguished by proactive team collaboration and shares his knowledge as an experienced trainer and speaker.

CONTACT

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ACTIVITIES AND INTERESTS

- Surfing
- Snowboarding
- Wakeboarding
- Craft Beer
- Cooking and Fine Dining
- Smart Home Automations

VINCENT MARTENS

RELEVANT WORK PROJECTS

Company Chatbot / RAG Bots (04/2024 - Ongoing)

Developed and implemented a company-wide AI knowledge chatbot using Azure OpenAI Service and Azure AI Search, focusing on Retrieval-Augmented Generation (RAG). Designed a document ingestion pipeline and backend with LangServe (LangChain and FastAPI), and built a responsive frontend with React, Redux Toolkit, and Material UI. Streamlined CI/CD processes using Azure DevOps for development and deployment.

Jobmatching Plattform (05/2023 - 10/2023)

Transformed an MVP into a resilient production architecture using AWS Fargate and RDS, ensuring scalability and high availability. Designed a robust DevOps pipeline with GitHub Actions and AWS CDK, and contributed to both backend (Java Spring Boot) and frontend (React) development.

Onboarding Chatbot for Microsoft Teams (05/2023 - Ongoing)

Built an AI-driven onboarding chatbot integrated with Microsoft Teams, leveraging generative AI and LangChain Agents. Focused on security and compliance for Generative AI applications. Deployed infrastructure using Azure Bicep to enhance modularity and reusability.

Legacy System Support and Knowledge Transfer (07/2023 - 09/2023)

Supported a retail team in maintaining and enhancing a legacy AWS system using Golang. Provided training and DevOps knowledge transfer while collaborating on feature development. Streamlined AWS operations with DynamoDB, SQS, and CloudFormation.

Enterprise SaaS Architect for E-Commerce Platform Transition (08/2022 - 05/2023)

Designed and transitioned multiple e-commerce platforms to a headless SaaS architecture. Implemented authentication and authorization using Keycloak and OAuth2. Ensured efficient system communication through Kafka, focusing on scalability and integration.

Consent Management System Developer (02/2022 - 07/2022)

Developed a serverless AWS-based system for customer consent management, replacing a legacy solution. Designed asynchronous processing workflows and implemented automated deployments with GitHub Actions.

Data System Engineer for Email Marketing (08/2021 - 02/2022)

Developed a high-throughput system capable of processing 15 million records per hour for email and newsletter campaigns. Designed the architecture using serverless AWS technologies to ensure scalability and efficiency.

Infrastructure Automation and Kubernetes Migration (09/2019 - 12/2020)

Migrated infrastructure from Docker Swarm to Kubernetes, automating workflows with Jenkins and Terraform. Developed in-house tools in Go for infrastructure automation and deployed proof-of-concept systems in AWS.



VINCENT MARTENS

EXPERIENCES

Senior Consultant

Aclue GmbH since 2024

Consultant

Aclue GmbH 2020-2024

IT-Consultant

CGI 2019-2020

IT-Consultant

Acando GmbH 2019

IT specialist (Internal IT)

Acando GmbH 2017-2019

Training as an IT specialist

Acando GmbH 2014-2017

APPEARANCE

Speaker on the „DWX“ and „Developer Week 2023“

Guestspeaker in the Podcast

DAWICON CFO Insight - Folge #90

Internal talks and presentations

For example „GPT for HR“ and
“Exchange of experiences of 2 years
with GenAI”

CERTIFICATES

- [Generative AI for everyone](#) & [Generative AI with LLMs](#)
- [Microsoft Certified: Azure AI Fundamentals](#)
- [AWS Solutions Architect Associate](#), [Developer Associate](#) and [Cloud Practitioner](#)

BASIC SKILLS AND CHARACTERISTICS

- **Excellent coaching and training abilities:** Extensive experience in knowledge transfer and training employees, both through individual coaching and within larger teams. Skilled in addressing diverse audiences and tailoring content to their needs.
- **Strong presentation and public speaking skills:** Proficient in delivering presentations and talks internally and at conferences. Adept at explaining complex topics in a clear and engaging manner.
- **Independent and proactive work style:** Highly self-reliant with a proven ability to lead projects efficiently from conception to implementation, ensuring goals are met with precision and innovation.
- **Outstanding communication skills:** Reliable, precise, and goal-oriented communicator, capable of presenting information clearly and effectively in both written and verbal forms.