



YOUR AWS SUCCESS WITH EXPERT GUIDANCE

Andreas Jörg

As an **AWS Solutions Architect**, **AWS Authorized Instructor**, and **entrepreneur** with over 10 years of experience, I empower organizations to make informed decisions about their AWS cloud infrastructure and strategy. Passionate about equipping teams with the knowledge to innovate independently. My mission is to be a trusted advisor to leaders, helping them understand the pros and cons of technological alternatives to achieve their business goals.

"When your team confidently navigates AWS on their own, I've achieved my goal."

CONTACT

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EDUCATION

M.SC. IN COMPUTER SCIENCE
Kempten University of Applied Sciences

B.SC. IN COMPUTER SCIENCE
Kempten University of Applied Sciences

LANGUAGES

Fluent: German, English

AWS PROFESSIONAL EXPERTISE



PROFESSIONAL SUMMARY

STRATEGIC CLOUD CONSULTING & TAILORED AWS SOLUTIONS

I collaborate with organizations to develop AWS strategies aligned with their objectives. By providing actionable insights and clarifying technological alternatives, I design tailored solutions that drive growth, reduce costs, and enhance efficiency.

AWS TRAINING & MENTORING

As an AWS Authorized Instructor, I deliver official and customized AWS training that empowers your team to harness AWS effectively. By addressing real-world challenges with hands-on learning, I ensure your team gains the skills and confidence to manage and innovate within your AWS environment.

MY PROFESSIONAL PHILOSOPHY

I'm dedicated to helping organizations achieve their goals by empowering people with knowledge. I deliver robust solutions aligned with your objectives, helping you understand technological alternatives. When your team confidently navigates AWS on their own, I've fulfilled my role.

PROFESSIONAL EXPERIENCE

AWS AUTHORIZED INSTRUCTOR (AAI)

Amazon Web Services (AWS) and AWS Training Partner (ATPs) | 2023-Present

- **Role:** AWS Authorized Instructor (AAI) delivering official AWS courses for AWS and AWS Training Partners (ATPs) and workshops in German and English.
- **Key Contributions:**
 - **Delivered** 100+ days of official AWS courses to diverse audiences in German and English, enhancing participants' skills in AWS architecture, development, and operations.
 - **Empowered** professionals through interactive training sessions, improving their proficiency in AWS services and best practices.
 - **Achieved** an average course satisfaction rating of 4.87 out of 5, reflecting excellence in instructional delivery and participant engagement.
- **Courses Taught:**
 - **Architecting on AWS (3 days), Developing on AWS (3 days), AWS Cloud Practitioner Essentials (1 day), AWS Technical Essentials (1 day), Practical Data Science with Amazon SageMaker (1 day)**

SOLUTIONS ARCHITECT

DEW21 Dortmunder Energie- und Wasserversorgung GmbH. | 2021-2024

- **Role:** AWS Solutions Architect and Trainer instrumental in shaping DEW21's cloud strategy and enhancing their AWS infrastructure.
- **Key Contributions:**
 - **Collaborated** with the cloud team to develop and implement a comprehensive AWS cloud strategy, aligning with business objectives and fostering innovation.
 - **Led** the integration of the AWS Security Reference Architecture (AWS SRA) across 50+ AWS accounts, enhancing security and scalability.
 - **Developed** and **implemented** CI/CD pipelines using AWS CDK, reducing deployment time and promoting Infrastructure as Code (IaC) practices.
 - **Delivered** customized AWS training to team members, increasing in-house expertise and reducing reliance on external consultants.
 - **Architected** and **implemented** CI/CD pipelines for the Data Lake project, enabling efficient, scalable, and secure data management solutions.
 - **Technical Evaluation** and **Governance:** Conducted thorough conceptual and technical reviews of solutions proposed by external AWS service providers, ensuring alignment with DEW21's cloud strategy and industry standards.
- **Technologies:** AWS Security Reference Architecture (AWS SRA), AWS Network Firewall, AWS VPC Endpoints, AWS CDK, CI/CD Pipelines, DevOps Practices, Infrastructure as Code (IaC), AWS Services, Security Best Practices.
- **Achievement:** Successfully transformed DEW21's cloud infrastructure and strategy, empowering the organization to leverage AWS technologies effectively. This led to enhanced security, operational efficiency, and a foundation for ongoing innovation.

DEVELOPER AND SOLUTIONS ARCHITECT

Freelance Projects | 2018-2021

- **Role:** Developer and Solutions Architect responsible for designing, developing, and optimizing AWS-based solutions to support local businesses.
- **Key Contributions:**

- **Designed** and **developed** a serverless transaction system using AWS Lambda, Amazon API Gateway, and Amazon DynamoDB, enabling local retailers to conduct on-site transactions efficiently.
- **Migrated** infrastructure to AWS CDK with TypeScript, implementing self-mutating CI/CD pipelines and improving scalability and maintainability.
- **Built** a cross-platform mobile application using Flutter and Dart, increasing user engagement through a travel guide app with booking capabilities for cultural events and local attractions.
- **Implemented** AWS Amplify and Amazon CloudFront for web distribution, enhancing application performance and reliability.
- **Reduced** operational costs through serverless architecture and pay-per-use AWS services.
- **Technologies:** AWS CDK, TypeScript, AWS Lambda, AWS Amplify, AWS CloudFormation, CI/CD Pipelines, Serverless Architectures, AWS Step Functions, Flutter, Dart, Amazon Cognito, Amazon API Gateway, Amazon DynamoDB, Amazon S3, Amazon CloudFront, AWS X-Ray, Amazon CloudWatch.
- **Achievement:** Delivered innovative, scalable AWS solutions that empowered local businesses to serve customers efficiently. By implementing automation and Infrastructure as Code (IaC) practices, significantly reduced operational overhead and costs, and improved system reliability and scalability.

ENTREPRENEUR AND FOUNDER

Alpenimkerei.de | 2015 – Present

- **Founded** a premium beekeeping business, designing a high-end honey product recognized with several awards for quality and product design.
- **Developed** and **implemented** a strategic marketing plan, positioning the product in niche markets and increasing sales.
- **Applied** innovative design and branding strategies, showcasing creativity and market insight.
- **Managed** all aspects of the business, including product development, supply chain, and customer relations.

CERTIFICATIONS

AWS PROFESSIONAL LEVEL

AWS CERTIFIED SOLUTIONS ARCHITECT - PROFESSIONAL | 2021-PRESENT

Designing advanced architectures on AWS.

AWS CERTIFIED DEVOPS ENGINEER - PROFESSIONAL | 2021-PRESENT

Implementing and managing continuous delivery systems and methodologies on AWS.

AWS ASSOCIATE LEVEL

AWS CERTIFIED SOLUTIONS ARCHITECT – ASSOCIATE | 2019-PRESENT

AWS CERTIFIED SOLUTIONS ARCHITECT – ASSOCIATE | 2019-PRESENT

AWS CERTIFIED SYSOPS ADMINISTRATOR – ASSOCIATE | 2019-PRESENT

Certified in designing secure, cost-optimized architectures, developing AWS-based applications, and managing scalable, fault-tolerant systems.

AWS SPECIALTY LEVEL

AWS CERTIFIED SECURITY – SPECIALTY | 2019-PRESENT

Expertise in securing data and workloads in the AWS Cloud.

AWS CERTIFIED ADVANCED NETWORKING-SPECIALTY | 2019-2024

Designing and implementing AWS and hybrid IT network architectures at scale.

DISCONTINUED CERTIFICATIONS

AWS Data Analytics - Specialty | 2019-2024

AWS Database - Specialty | 2019-2024

ADDITIONAL AWS CERTIFICATIONS

AWS AUTHORIZED INSTRUCTOR | 2023-PRESENT

Teach or instruct vocational or occupational subjects at the postsecondary level in the classroom or online.

See the status of my Certifications at:

<https://www.credly.com/users/andreas-joerg>