



Istvan Kappelmayer

Senior AWS Solution Architect

CONTACT

ADDRESS

Bernstrasse 27b
CH-3122 Kehrsatz

PHONE

+41 77 955 55 73

EMAIL

istvan@kappelmayer.ch

WEB

k-i-soft.ch

LINKEDIN

linkedin.com/in/kappelmi

GITHUB

github.com/kappelmi

PROFILE

NATIONALITY

Hungarian

RESIDENCE

Switzerland

BORN

1978

LANGUAGES

Hungarian Native

German C2

English C1

Spanish A1

CORE SKILLS

- AWS Serverless
- AWS CDK / IaC Quarkus Native
- GraalVM Lambda DynamoDB
- Java Spring Boot Vue 3
- React Native API Gateway
- Cognito CloudFront
- Lambda@Edge GitHub Actions
- CI/CD Terraform Kubernetes
- Docker Python OpenSearch
- REST / OpenAPI

Senior Software and Cloud Architect with 30+ years of experience

Specialised in serverless architectures on AWS, from infrastructure as code with AWS CDK through Quarkus Native backends on GraalVM to Lambda, DynamoDB and Vue 3 frontends. A proven track record in complex cloud migrations and in building production SaaS platforms end-to-end, from architecture to operations. I build what I design. Experience across four countries and dozens of projects, with a client-focused and delivery-oriented mindset. Fluent in German and English.

EXPERIENCE

Swiss Cybersecurity Management Center GmbH, Zurich

Nov 2025 – Present

Founder / Solutions Architect

- Designed and built a FADP-compliant Swiss cybersecurity assessment SaaS (scmc.ch) end-to-end, live in AWS Zurich (eu-central-2) since November 2025
- Serverless architecture: Quarkus Native Lambda backend on GraalVM, DynamoDB single-table design, Cognito, Vue 3 frontend
- Infrastructure as code with AWS CDK, full CI/CD delivery via GitHub Actions

K-I-Soft IT&Holding GmbH, Kehrsatz

Sep 2024 – Present

Founder / Senior AWS Solution Architect

- Independent software practice: serverless websites, custom SaaS and back-office automation on AWS, build-then-retain model
- Design and delivery of complete solutions with Quarkus Native, Vue 3 and Astro, serverless backend with full CI/CD automation
- AWS Well-Architected health checks as standalone audits
- Rentaside (2024): neighbourhood rental marketplace, iOS and Android with React Native and Expo, AWS serverless backend

Randstad Digital Switzerland AG (Asy Technologies), Zurich

Nov 2021 – Aug 2024

Senior Cloud Solution Architect

- Alliance Lead for the AWS partnership, established Select tier
- End-to-end application migrations to AWS: Oracle Enterprise to Amazon RDS, 17 J2EE modules from WebSphere to Payara Micro on ECS Fargate, Windows servers to ECS Fargate
- Authentication@Edge with CloudFront, Cognito and Lambda@Edge, API management for third-party access
- DevOps consulting: GitLab CI/CD, GitLab Runners on ECS Fargate, Vault, ArgoCD, Helm, OpenShift
- Serverless applications on AWS with API Gateway and Lambda (Java, Quarkus), Amazon EKS via Terraform (IaC)

Amanox Solutions AG / Digicomp Academy AG, Bern

Apr 2021 – Oct 2021

Lead Cloud Architect / AWS Trainer

- Designed and implemented cloud architectures from client requirements, proof of concepts for public and hybrid cloud
- Delivered AWS training for professionals and corporate clients

EXPERIENCE (CONTINUED)

CSC / DXC Technologies, Bern

Feb 2017 – Mar 2021

Senior Application Architect / Technical Lead

- Modernised J2EE applications into microservices with Spring Boot and Quarkus
- Designed and implemented an OpenShift-based DevOps environment with full CI/CD automation, AWS-based development environment
- Maintained and extended an application used in the import/export process of the Swiss Post, supported autonomous-driving R&D

Cognizant Technology Solutions, USA (Malta, NY)

Jan 2015 – Jan 2017

Architect / Technical Lead

- Ownership of three applications, architecture of new modules and migration of legacy systems to microservices with Spring and MongoDB
- REST APIs and AngularJS frontends, coordination of distributed teams across the USA, Germany and offshore

Cognizant Technology Solutions, Germany (Essen)

Oct 2011 – Dec 2014

Senior Developer / Architect

- Telecom applications for a major provider: visualisation of physical cabling and DSL termination networks
- Development with Eclipse RCP, WebSphere, Spring and WebSphere MQ, offshore coordination and knowledge transfer

NAS Ltd, Hungary (Budapest)

May 2006 – Sep 2011

Architect / Lead Developer

- Countrywide Java enterprise systems for national pension insurance and digital government services, ESB integration of AS400, Windows and Java systems with WebSphere MQ
- Secure XML-based digital signature and timestamp solutions for government documents with PKI, XAdES and Java Cryptography (PKCS#7, PKCS#12)

Earlier roles, Hungary

1997 – 2006

Developer at Appello, HC Pointer and Commit (Budapest, Pécs): banking and credit-rating systems in server-side Java, trading systems, GSM/SMS and SMTP modules, three-tier applications.

EDUCATION

MBA, Leading Innovation and Change

2019 – 2022

Robert Kennedy College, Zurich / York St. John University, York

Software Developer (equivalent to Associate Degree)

1996 – 1998

Szamalk Salesian Post-Secondary Vocational School, Budapest

CERTIFICATIONS

AWS Solutions Architect Professional

2021 · expired

AWS Solutions Architect Associate

2020 · expired

TOGAF 9.1 Certified

2014

AWS DevOps Engineer Professional

2021 · expired

AWS Authorized Instructor (Champion)

2020 · former

Certified Scrum Master

2018