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Address

Maria-Hiller-Foell-Strasse 11
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Education

2006 - 2011

Diploma in Software Engineering

University of Stuttgart

Expertise

- Cloud Architecture
- Software Development Lifecycle
- Automotive and Manufacturing Industry knowledge
- GenAI Foundations
- Team development

Hobbies

- Handball player
- Cooking
- Traveling

Language

German

English

Aleksandar Tolev

Sr. Mgr. Solutions Architecture

Senior Solutions Architect leader with 15+ years driving enterprise AI and cloud adoption across Fortune 500 organizations. Proven track record building and scaling customer obsessed SA teams (25 people in total) while maintaining deep customer relationships at VP-level. Led multiple production GenAI deployments through technical enablement. Expert in navigating complex technical evaluations, establishing best practices for emerging technologies, and fostering mission-driven, collaborative team cultures. Passionate about correlating software engineering concepts to AI-Driven Development Lifecycle.

Experience

2021 - Present

Amazon Web Services, Stuttgart, Germany

Senior Manager Solutions Architecture

As Senior Manager of Solutions Architecture at AWS, I earned trust at the VP-level across Automotive & Manufacturing customers by turning complex AI challenges into production outcomes — from deploying the first Amazon Bedrock use case for a major automotive supplier to championing Responsible AI patterns in cybersecurity-sensitive environments. I scaled this impact through thought leadership at the AWS Hamburg Summit, CNCF Agentic AI panels, and a 3-day Partner GenAI Hackathon — building frameworks and programs adopted by teams globally,

2019 - 2021

Amazon Web Services, Stuttgart, Germany

Senior Solutions Architect

As an SA at AWS, I established myself as a trusted technical advisor to some of the region's most complex enterprise accounts. I led the Covanto data lake project — recognized by former AWS CEO Andy Jassy — and resolved a critical device certificate (60K+ devices) escalation protecting significant revenue. I co-founded AWS Embrace, now used by 50+ account teams globally.

2017 - 2019

Dr. Ing. h.c.F. Porsche AG, Stuttgart, Germany

Cloud Architect

At Porsche, I led the cloud migration of Porsche Finder — a digital platform for selling pre-owned vehicles — from on-premises infrastructure to AWS. I designed the cloud-native architecture, enabled development teams on modern AWS practices, and delivered the full migration, bridging enterprise software engineering with scalable cloud transformation.

2012 - 2017

adesso AG (now adesso SE), Stuttgart, Germany

Software Developer and Software Architect

At adesso, I progressed from developer to architect, building enterprise telemetry platforms for truck and fleet management, IoT-based carrier monitoring, and vehicle fleet analytics. I also architected an early conversational AI chatbot — laying the technical groundwork for my later expertise in cloud-native and AI-driven solutions.

Public references

3 AWS Blog Posts

Software Defined Vehicle Pulse report with Thoughtworks

2 AWS Summit Hamburg presentations