

Curriculum vitae

Oliver Scheer

Current position: Software Architect, adesso SE

Target role: Engineering Manager / Team Lead, Software Engineering

Munich / Remote · Germany

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Full CV with professional experience, projects and qualifications.

[View concise résumé](#)

Updated: 19 October 2026

Profile

I am a software architect and engineering lead with more than 20 years of hands-on software development, focused on .NET and Azure. I build teams and take demanding systems into production: most recently at adesso, I built three teams with 12 people for a new regulated brokerage app, with the MVP release planned around eight months after the start of development.

Before that, I spent 17 years at Microsoft, including six years in Commercial Software Engineering with customers such as BMW, Audi/Volkswagen, Koç and Amadeus. Platforms from that time are in production today in BMW plants and on manufacturing lines. I combine clear architecture (iSAQB CPSA-FL, Azure Solutions Architect Expert) with coaching, project steering and hands-on implementation.

My next step is an Engineering Manager or Team Lead role with responsibility for a team and a product.

Selected leadership experience

Team building in financial services — adesso

For a regulated brokerage app, I built three cross-functional teams with 12 people, decided on staffing and lead them technically towards the planned MVP, alongside architecture and deputy project leadership.

Tech lead, modernisation — adesso

I provided technical leadership for a development team of six people from the customer and adesso, trained it in the new architecture and contributed code myself.

Project steering to go-live — Medialesson

I steered a six-person development and design team replacing a legacy application through to go-live, working closely with the customer's management.

Project and workstream leadership — Microsoft

At BMW, I led the second phase of a cross-site project with around ten developers from three organisations through to handover. At Amadeus, I led a six-person workstream.

Professional experience

Software Architect — adesso SE

August 2025 – present · Munich / Remote

- Project roles as architect, tech lead, team lead and deputy project lead on enterprise projects, focused on architecture, technical leadership, modernisation and hands-on development.
 - Financial services: I built three teams with 12 people for a regulated brokerage app and am steering the project towards an MVP release planned around eight months after the start of development.
 - Healthcare: I modernised a laboratory ordering platform used by several thousand medical practices and cut deployment time from hours or days to a few minutes with GitOps.
 - Technologies: C#, .NET, .NET Framework, Minimal APIs, clean architecture, Azure, Azure Container Apps, AKS, PostgreSQL, Kubernetes, Helm, ArgoCD, GitLab, Azure DevOps.
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Principal Software Engineer — Medialesson

November 2023 – May 2025 · Germany / Remote

- Architecture, development and technical coordination of cloud, web, IoT and AI applications for customers in industry, retail, tourism and technology; technical leadership without line management responsibility.
- I steered the replacement of a Delphi/PHP legacy application with a cloud solution, leading a six-person team through to go-live, and developed an AI event assistant used live at a Microsoft event.
- CI/CD with GitHub Actions, Azure DevOps and Bicep; mentoring on observability, developer experience, secure coding, pair programming and code reviews; workshops, discovery and estimation in presales.
- Contributed to internal architecture guidelines for AI projects and to innovation topics such as the Semantic Kernel Agent Framework, edge AI and small language models.
- Technologies: Azure, C#, .NET, ASP.NET Core, Angular, React, Blazor, TypeScript, Azure OpenAI, Azure IoT Hub, Stream Analytics, Azure Functions, SQL Server, Cosmos DB, MySQL, Power BI.

Microsoft Deutschland GmbH

January 2006 – October 2023

- Senior Software Engineer, Commercial Software Engineering, October 2017 – October 2023: Azure solutions with customers in automotive, manufacturing, energy, travel technology, media and sports, in mixed teams from Microsoft Corporation, Microsoft Germany and customer developers. I led architecture design sessions, developed with .NET, C# and Python, and implemented CI/CD, test automation and observability.
- Contributed to two platforms in production: control of autonomous transport vehicles in BMW plants and delivery of AI models to manufacturing lines at Koç. Self-service test environments for Audi/Volkswagen cut provisioning from several days to a few minutes.
- Senior Technical Evangelist, September 2013 – September 2017; Developer Evangelist, January 2006 – August 2013: proofs of concept, developer enablement, customer advisory and platform evangelism from .NET and Windows Phone to Windows Azure (from 2008).
- More than 200 talks for developers, partners and customers, including eight years on the Microsoft stand at CeBIT, BASTA!, TechEd Europe and TechEd Malaysia; numerous webcasts, including MSDN TV.
- For four years, I was responsible for Microsoft's largest internal training event in Germany, held twice a year with up to 2,000 attendees and 50 speakers. I built the event management application myself with .NET and Azure and coached the speakers.
- Technologies: Azure, .NET/C#, Python, TypeScript, Kubernetes/AKS, Kafka, Event Hubs, Service Bus, MassTransit, Terraform, Bicep, Azure DevOps and GitHub Actions.

Software Engineer — RTL Television

October 2002 – December 2005

- I developed data warehouse and reporting solutions for controlling and finance, and client/server applications for advertising scheduling. Technologies: Sybase IQ, SQL Server, BusinessObjects, .NET and C#.

Consultant & Software Developer — Wettchereck & Partner

January 1999 – July 2002 · full-time from September 2001

- I led development of a telecommunications product. In a separate scheduling project, I temporarily served as interim project lead with a team of up to four people.
- I developed custom web and database applications from requirements through rollout, and supported infrastructure migrations and training. Technologies: Visual Basic, Classic ASP, Oracle and SQL Server.

Mentoring and knowledge sharing

I have supported many developers in their professional growth. I also mentored several mentees in the Technical University of Munich mentoring programme. In my teams, I run training on architecture and engineering practices such as coding, debugging, testing and DevOps.

As a volunteer, I taught technical content at ReDI School (Certificate of Volunteer Appreciation, December 2022).

Skills

Architecture & engineering

Cloud-native and distributed systems, APIs, domain-driven design, clean architecture, event-driven architecture with Kafka, Event Hubs, Service Bus and the saga pattern (MassTransit), OpenAPI/REST, migration planning, modernisation and technical reviews.

Languages & frameworks

C#, .NET, ASP.NET Core, Minimal APIs, Blazor, TypeScript, JavaScript, Angular, React, Python, SQL, PowerShell and Bash. Earlier project experience: Visual Basic, Classic ASP, PL/SQL and JSP.

Cloud, infrastructure & data

Microsoft Azure, Azure Container Apps, AKS, Docker, Kubernetes, Helm, Terraform, Bicep; SQL Server, Azure SQL, PostgreSQL, Cosmos DB, MySQL, Synapse, Purview and Data Lake Storage; Azure IoT Hub, Stream Analytics, Azure Functions and Power BI. Earlier project experience: Oracle, Sybase IQ and BusinessObjects.

DevOps & developer experience

Azure DevOps, GitHub Actions, GitLab, ArgoCD, GitOps, CI/CD, self-service environments for development teams, test automation, regression testing, observability, secure coding, code reviews and pair programming.

AI & integration

Azure OpenAI, OpenAI APIs and SDKs, chat completion, image generation, realtime conversation and conversational AI; MLOps with production model delivery in manufacturing; computer vision with Azure Cognitive Services; consulting on Copilot Studio and custom GPT; agentic development with Claude (Agent Skills, MCP, Claude API, Claude Code).

Leadership & communication

Team building and staffing, technical leadership, deputy project leadership, mentoring, coaching, workshops, training, conference talks, speaker coaching, stakeholder communication and collaboration in international teams; Scrum, SAFe and PERT estimation.

Industries: financial services, healthcare, automotive, manufacturing and industry, energy, travel technology and tourism, media, retail, and events and training.

Languages: German (native), English (full professional proficiency; international conference talks and many years in international project teams).

Education

Diplom-Wirtschaftsinformatiker — University of Essen

Diploma examination: 20 August 2001 · Diploma and transcript issued: 4 February 2002

Overall grade: gut (good). Diploma thesis on internet application development in the Microsoft environment and the .NET Framework; thesis grade: sehr gut (very good).

Certifications & professional training

Updated: 19 October 2026, verified against Microsoft Learn and Credly.

Software architecture

- iSAQB Certified Professional for Software Architecture – Foundation Level (CPSA-FL), November 2025
 - iSAQB CPSA-Advanced: modules in domain-driven design, software architecture for AI systems and cloud infrastructure completed in 2026; Advanced exam planned for early 2027
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Microsoft – active

- Azure Solutions Architect Expert (AZ-305) · valid until October 2027
 - DevOps Engineer Expert (AZ-400) · valid until February 2027
 - Azure Administrator Associate (AZ-104) · valid until October 2027
 - Azure Developer Associate (AZ-204) · valid until February 2027
 - Azure Data Scientist Associate (DP-100) · valid until April 2027
 - Azure AI Fundamentals (AI-900), Azure Data Fundamentals (DP-900), Azure Fundamentals (AZ-900) · no expiry
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Agile methods

Certified Scrum Product Owner (CSPO) · Scrum Alliance · April 2022

Earlier certifications

- Microsoft: Azure Data Engineer Associate (DP-203, 2023–2025), Developing Microsoft Azure Solutions (70-532, 2015), MCSD Windows Store Apps Using C# (2013), Programming in C# (70-483, 2013), MCSE
- GitHub: Actions, Advanced Security and Administration (2023–2026)

Professional training

- Anthropic Claude Partner Network Learning Path, July 2026: Agent Skills, Claude API, Model Context Protocol and Claude Code
 - INSEAD: Challenging Customers through Business Model Innovation
 - Microsoft OpenHack: Containers (Azure Kubernetes Service), 2019
 - Sybase IQ – Data Warehouse for Developers
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Selected projects

Financial services · New brokerage app — adesso SE

Since June 2026 · architect, tech lead, team lead, deputy project lead

- I owned the architecture of a newly built app for account management and trading in shares, ETFs and crypto assets under BaFin requirements, and was the customer's first technical point of contact.
 - I built three cross-functional teams with 12 people (two developers, a DevOps engineer and a tester each), decided on staffing, provided technical leadership and ran training on architecture and engineering practices.
 - I built the delivery pipeline from scratch: CI/CD with Azure DevOps Pipelines to Azure, with integrated test automation. The MVP release is planned around eight months after the start of development.
 - C#, .NET, Minimal APIs, clean architecture, Azure Container Apps, App Configuration, Key Vault, PostgreSQL, Azure DevOps, Jira and Confluence.
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Healthcare · Modernising a laboratory ordering platform — adesso SE

August 2025 – May 2026 · architect, tech lead

- I analysed the legacy system of a platform used by several thousand medical practices and designed the target architecture and a step-by-step migration path while the system stayed in operation.
- I introduced GitOps and automated deployment of the legacy and new systems with GitLab pipelines and ArgoCD. Result: deployment time dropped from several hours or days of manual work to a few minutes.
- I built the cloud infrastructure on Azure with AKS and Helm, provided technical leadership for a team of six, trained it in the new architecture and contributed code myself.
- .NET Framework, .NET, Azure, AKS, Kubernetes, Helm, ArgoCD, GitLab and IIS.

Cloud replacement of a Delphi/PHP legacy application — Medialesson

July – December 2024 · principal engineer, technical project steering

- I steered the modernisation of a scheduling, calendar and administration application from a Delphi desktop and PHP landscape to a cloud solution on Azure, including migration of the MySQL data.
- I led a six-person team of developers and designers in close alignment with the customer's management, owned the Azure setup, requirements clarification and development priorities, and contributed to the user interface myself. Result: the new solution went live successfully.

AI event assistant and attendee matching · customer: Microsoft — Medialesson

November 2023 – April 2024

- I designed and developed an AI assistant that answers questions about the agenda and exhibitors and suggests suitable people to meet. Result: used live at a Microsoft event.
- Azure OpenAI, React, Cosmos DB, SQL Server, Azure, Azure DevOps and Bicep.

Control platform for autonomous transport vehicles · BMW — Microsoft

September 2018 – February 2020 · senior software engineer in a cross-team architecture and development project

- I worked on the new architecture of software that coordinates and controls autonomous delivery vehicles in factory halls and determines their routes, contributing to IoT ingestion of vehicle and sensor data and to resilience and geo-redundancy. Result: the platform is in production in BMW plants.
- .NET, C#, Kubernetes, Cosmos DB, Azure IoT Hub, Event Hubs, Azure Service Bus and Kafka.

Cloud-based app streaming into vehicles · BMW — Microsoft

September 2018 – April 2020 · architect, developer, project lead from phase 2

- I designed the architecture of a solution that runs applications in the cloud and streams them in real time to the vehicle head unit via WebRTC. Result: almost any application could be streamed into the vehicle and operated there in real time – a capability the customer did not have before.
- Cross-site team of around ten developers from Microsoft Corp., Microsoft Germany and BMW. After phase 1 was completed successfully, I led phase 2 as project lead through to handover to the customer.
- Azure streaming services, Azure Container Services, Azure VMs, WebRTC and IoT.

Self-service test environments for autonomous driving · Audi / Volkswagen — Microsoft

September 2020 – January 2021

- I developed a self-service pipeline that lets developers of autonomous driving functions provision Linux and Windows test environments with current sensor and simulation software themselves and tear them down automatically after testing, with automated regression tests built in.
- Result: provisioning dropped from several days of manual configuration by service technicians to a few minutes; the solution was used by a large number of developers.
- AKS, Windows and Linux containers, Azure Pipelines, YAML, C# and Bash.

Delivering AI models in manufacturing (MLOps) · Koç — Microsoft

November 2021 – May 2022

- I developed the platform that centrally manages new versions of AI models for detecting irregularities in production and delivers them to devices along the manufacturing lines. I implemented the rollout logic as a saga with a MassTransit state machine, plus a sensor simulator and infrastructure as code.
- Result: model delivery could be controlled automatically through a portal for the first time; the solution went into production and was rolled out step by step to all lines. Model training remained with the customer team.
- C#, .NET, MassTransit, AKS, Helm, GitHub Actions and infrastructure as code.