JEFFREY GRONEBERG

Senior Solution Engineer, Cloud & AI · Microsoft

Germany · 15+ years of experience · linkedin.com/in/jeffrey-groneberg-84b47412 · github.com/jeffrey-groneberg · jeffrey-groneberg.de

I build AI agents and multi-agent systems on Azure and train developer teams in AI-assisted development with GitHub Copilot. **Current focus:** MAI models · Microsoft Copilot SDK · Work IQ · agent evals · MXC · MDASH

HIGHLIGHTS

- **6 months** from scratch to a scaled multi-agent platform at a German automotive OEM (2025)
- **2,500+** participants a year in my workshops, hackathons and trainings (2022–2025)
- **20+** hires as lead technical interviewer at Microsoft (2022–2025)
- **25x** Azure usage growth for customer platform teams within six months (2022–2025)
- **1,000s** of developers have used the GitHub Copilot Customer Workshop I created (since 2024)

FEATURED WORK



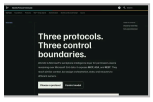
Agent Evals Workshop
11/2026 · Workshop · FY27 priority · jeffrey-groneberg.github.io/agent-evals-workshop



Work IQ integration lab
09/2026 · Desktop app and docs · FY27 priority · jeffrey-groneberg.github.io/workiq-learning



The MAI LLMs Workshop
09/2026 · Workshop · jeffrey-groneberg.github.io/the-mai-workshop



Work IQ Protocol Field Guide
08/2026 · Guide and sample · FY27 priority · jeffrey-groneberg.github.io/workiq-deepagents



Building agents from scratch
03/2026 · Workshop · jeffrey-groneberg.github.io/AI_Workshop_Agentic_Patterns

EXPERIENCE

Microsoft 08/2022 – Present

Senior Solution Engineer — 02/2026 – Present

Microsoft · Cloud & AI · Customer: SAP SE · Munich, Germany

- Help SAP build AI applications and agents on Azure with Microsoft Agent Framework and LangGraph, with custom workshops such as “Building agents from scratch”.
- Built the Agent Evals Workshop, the Work IQ integration lab and the Work IQ Protocol Field Guide for Microsoft's FY27 priorities (fiscal year July 2026 – June 2027).
- Bring GitHub Copilot, GitHub Copilot CLI and the Microsoft Copilot SDK (formerly GitHub Copilot SDK) into SAP development teams with tailored hands-on workshops and enablement trainings.
- Built The MAI LLMs Workshop for SAP d-com.

Cloud Solution Architect — 06/2025 – 01/2026

Microsoft · Cloud & AI · Automotive · Munich, Germany

- Built and scaled a multi-agent platform from scratch with Microsoft Foundry and LangGraph during a six-month forward deployed engineer assignment at a German automotive OEM, and upskilled its developers.
- Implemented AI workloads for automotive customers, such as AI agent-supported quality checks in manufacturing processes powered by custom MCP servers.
- Upskilled customers in AI (LLMs, RAG, MCP) and multi-agent fundamentals, and in AI-supported development with GitHub Copilot through custom workshops and trainings.
- Ran recurring office hours for automotive developer communities on the newest Azure AI services and the MCP specification.

Cloud Solution Architect — 08/2022 – 06/2025

Microsoft · App Innovation · Munich, Germany

- Helped customer platform teams grow their Azure usage 25x within six months with long-term (data) platform engineering roadmaps, defined with account teams on reference architectures and best practices.
- Unblocked strategic Azure accounts: resolved technical blockers with Azure Product Engineering and managed stakeholders.
- Created and delivered on-site and remote workshops, hackathons and classroom trainings for 2,500+ participants a year: Azure enablement, architecture reviews, Azure platform services, microservices, GitHub Copilot and AI accelerators.
- Lead technical interviewer for 20+ hires; mentored young professionals and new colleagues.
- Contributed features and fixes to customers' code bases in C#, Java and Terraform.

Earlier at SAP SE 03/2005 – 07/2022

Team Lead 09/2021 – 07/2022

Led and hired a team of 15 people across countries plus third-party service providers; cut tenant provisioning time by more than 50% by reworking and automating operations processes.

Principal Cloud Solution Architect 11/2015 – 08/2021

Built an SAP BTP developer platform from scratch for 2,000+ developers and 1,000+ applications: governance, 24/7 support, onboarding, provisioning, security and a SOX-relevant self-service portal.

Earlier roles 03/2005 – 10/2015

Senior Program Architect, IT Enterprise Architecture (05/2013–10/2015); Developer, SAP EMR mobile apps for iOS, Android and Windows (05/2011–04/2013); part-time student, intern and thesis student (03/2005–04/2011).

Student Assistant/Tutor 2009 – 2011

University of Applied Sciences Mannheim · Mannheim, Germany

SKILLS

AI & agents: Multi-agent systems, Microsoft Agent Framework, LangGraph, Microsoft Foundry, MCP (Model Context Protocol), RAG (retrieval-augmented generation), LLMs, OpenAI SDK

Developer productivity: GitHub Copilot, GitHub Copilot CLI, Microsoft Copilot SDK

Cloud & platforms: Azure, Kubernetes, Docker, SAP BTP / Cloud Foundry, OAuth2 / XSUAA, Platform engineering, Reference architectures, Architecture reviews, Microservices

Languages: Python, C#, Java, Terraform, Go

SELECTED PUBLICATIONS

GitHub Copilot Customer Workshop · 01/2024 · Workshop · GitHub Copilot

SAP XSUAA Golang client library · 07/2021 · Open source · Go client for SAP Cloud Foundry XSUAA auth data

Demystifying XSUAA in SAP Cloud Foundry · 08/2020 · Article · 100,000+ views · SAP Community

Plus 17 more workshops and talks, and 4 more projects and articles: jeffrey-groneberg.de/facts.html

SPEAKING

Microsoft Frontier Tour, Cologne, Germany · 10/2026 · Speaker · **Hands-on lab:** "Coding with agents in GitHub Copilot CLI"
SAP d-com, Dublin, Ireland · 09/2026 · Speaker and trainer · **Talks:** "Using the GitHub Copilot harness in your own apps and workflows with GitHub Copilot SDK" (now Microsoft Copilot SDK); "Microsoft MAI models – Speech, Images, and Coding" · **Hands-on:** "GitHub Copilot CLI Intro & Hands-On"; "GitHub Copilot App Intro & Hands-On"; "Customisation Options in GitHub Copilot"; "Token Optimisation and Context Management"; "Building with GitHub Copilot SDK"; "Building with Microsoft MAI Models"
Deutsche Telekom AI Barcamp, Bonn, Germany · 09/2026 · Trainer · Two workshop sessions of about 60 minutes each on the GitHub Copilot SDK (now Microsoft Copilot SDK)
SAP d-com, Prague, Czechia · 05/2026 · Speaker and trainer · **Talk:** "Spec-driven Development with GitHub Spec Kit"
SAP Accenture AI Summit, Mannheim, Germany · 04/2026 · Speaker · **Talk:** "Agentic coding: a paradigm shift or a hype?"
SAP d-com, Katowice and Gliwice, Poland · 04/2026 · Speaker and trainer · **Talk:** "Agentic coding" (main stage) · **Hands-on:** Two GitHub Copilot workshops in parallel
SAP d-com, Sophia Antipolis, France · 03/2026 · Trainer · Two days of GitHub Copilot workshops: VS Code, CLI and SDK
Audi Innohackathon, Ingolstadt, Germany · 11/2025 · Speaker · **Talk:** "MCP & GitHub Copilot agent mode"
BMW GitHub Copilot Hackathon, Munich, Germany · 03/2025 · Trainer · Led the demos and hands-on labs · Copilot Adventures (Microsoft)

EDUCATION

M.Sc. Computer Science · University of Applied Sciences Mannheim, 2009–2011, grade 1.3 (German scale, 1.0 is best)

B.Sc. Computer Science · University of Applied Sciences Mannheim, 2005–2009, grade 1.4

CERTIFICATIONS & AWARDS

Microsoft Certified: Azure Fundamentals (AZ-900) · Microsoft, 09/2022 · credly.com/badges/42725564-7918-49a9-9047-c1c2160b4923

SAP Architecture Curriculum · SAP SE · ieeexplore.ieee.org/document/5457772

SAP Product Award "Best Design" · SAP SE, 2012

SIDE PROJECTS

A Game Boy game, built with my kids · 10/2026 · Made with the help of GitHub Copilot · youtube.com/shorts/pbZNA3DI3wE

INTERESTS

Photography on 500px · 16,791 followers · Black belt in karate · Goalkeeper for many years · Professional esports player in Quake III Arena

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