

Robert Brendler.



AGENTIC AI ARCHITECTURE · MULTI-AGENT ORCHESTRATION ·
PYTHON · CLOUD-NATIVE

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PROFILE

Software architect and engineer, twenty years across the full stack, certified **iSAQB CPSA**. For the last two years my hands-on focus has been **agentic AI in production** — designing **multi-agent orchestration harnesses**, LLM integration, tool-use, context-window and knowledge-graph engineering. I own systems end-to-end — from architecture and clean API contracts through cloud-native deployment and observability — mentor engineers and stay in the code daily.

EXPERIENCE

Agentic AI Architecture & Orchestration 2024 – present
Independent R&D

- **panthaeon** — a **custom multi-agent orchestration layer** (Rust) that plans, reviews and ships its own improvements through a git-native decision pipeline — end-to-end agentic system design, from architecture to production loop.
- **memnion** — a trust-building agent harness with **integrated knowledge graph, retrieval, reflection and context-window optimization**; LLM-provider-agnostic, with **MCP** tool-use and function-calling patterns.
- **overtrade** — a low-latency AI platform with agent-driven introspection and evaluation over a Python/Rust backend; observability and cost awareness built in. I evaluate LLM providers, frameworks and tooling, and set the engineering bar (testing, security, docs).

Software & Platform Engineer (Consulting) 2018 – present
Freelance — Remote · EMEA

- **Backend & integrations (Python)** — Dockerized **Python** services and API integrations, including **ERP ↔ B2B marketplace** sync with bidirectional stock, price and order-status flows.
- **Cloud-native delivery** — Self-hosted platform (Docker · Portainer · Traefik) with **GitLab / GitHub CI/CD** to registries; hosting on DigitalOcean and Hetzner; container orchestration with Rancher/Swarm.
- **Domain systems** — Delivered **100+ trading strategies, indicators and exchange bridges** worldwide — low-latency, event-driven data flows and risk logic.

Technical Lead 2017 – 2019
twofour digitale Agentur GmbH · Rosenheim, DE

- Migrated all dev environments to standardized **Docker** workflows (Rancher / Swarm); modular development and **CI/CD of Magento shops**; architected a high-availability setup for a national TV-show traffic spike.
- Led 2–3 delivery teams as Scrum Master and mentored junior developers.

Senior Software Engineer 2013 – 2016
iteratec GmbH · Munich, DE

- Built two business-critical **Java backends** for major automotive manufacturers; AR driver-assistance research; conducted technical hiring interviews.

Earlier: former03 GmbH (architect / lead, 2009–13) · Co-Founder ERLEBNISMACHEREI · Siemens.

SKILLS

Agentic AI

multi-agent orchestration · custom harnesses · LLM integration · tool-use / function-calling · MCP · RAG · knowledge graphs

Backend

Python · async · REST / event-driven APIs · microservices · integrations

Cloud & DevOps

Docker · Kubernetes (Rancher) · CI/CD · Traefik · DigitalOcean · Hetzner

Architecture

iSAQB CPSA · end-to-end system design · distributed systems · observability

Practice

architecture & code reviews · mentoring · agile · async remote

Also: Rust · JS/TS · PHP · SQL · Linux

LANGUAGES

German — native
English — full professional
Italian — basic

EDUCATION

Diplom (FH), Computer & Information Sciences
Hochschule Augsburg, 2010 · study abroad USC, AU

CERTIFICATIONS

iSAQB CPSA (Foundation)
Professional Scrum Master I
ICAgile ICP-ACC
IHK Ausbilder

AVAILABILITY

Remote (EMEA · CET)
Full-time · contract
async, distributed teams

As of: 11.09.2026