

Oskar Freye

AI Agent Developer | Agentic Deployment | Rust, Go, TypeScript | AWS

Agentic Deployment for the DACH region: bringing AI agents into existing processes, securely and measurably.

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AVAILABILITY	LOCATION	STATUS	CITIZENSHIP
immediately, current status at freye.tech/availability	remote or on site, Dortmund area (+100 km), DACH	Freelancer, self-employed since 03/2026	German

PROFILE

I take AI agents from demo to real-world operation and integrate them securely and measurably into the existing processes of companies in the DACH region. My agents work with existing systems: they triage tickets, diagnose Linux and Windows servers using read-only commands, and write reports. Actions that change anything run only after approval by a technician, and every action is recorded in a tamper-evident audit log.

As an AI Software Factory Builder, I build agentic development pipelines with coding agents that work test-driven, route between models, and are integrated into CI and approval processes. I develop with Rust, Go, TypeScript and Python on AWS (AI agents on Amazon Bedrock), Cloudflare Agents, or EU-only hosting at Hetzner and Scaleway. IHK-certified IT Specialist (Fachinformatiker), 2x Startup-CTO, programming for 14 years. Winner of START Hack Vienna 2026.

FOCUS AREAS & SERVICES

Agentic Deployment

Bringing AI agents into existing processes and systems: human in the loop, approvals, clearly limited permissions, audit log, and shadow mode with before/after metrics.

Software Factory

Agentic development pipelines with coding agents: test-driven, multi-model routing with fallback, integrated into CI and approval processes.

Secure Agent Infrastructure

Policies, secret leasing and signed audit logs for AI agents. EU-only hosting at Hetzner or Scaleway when data must not leave the EU.

Full Stack & Cloud

Rust, Go and TypeScript on AWS Serverless and Cloudflare. Products from empty repository to real users, mobile AR apps with Kotlin Multiplatform.

PROJECTS & EXPERIENCE

since 07/2026
Freelance

AI Service Desk Agent for an IT Service Provider (confidential)

Developer and Architect | grew out of the winning project at START Hack Vienna 2026

- The agent reads tickets from Zammad, triages them, and writes a German-language diagnostic report directly into the ticket.
- Diagnoses Linux servers via SSH and Windows servers via WinRM with JEA, using read-only commands exclusively.
- Changing actions only after a click by a named technician, destructive commands blocked, tamper-evident audit log.
- Shadow mode with before/after metrics to make the benefit measurable before going live.

`Python` `FastAPI` `LangChain` `Amazon Bedrock` `OpenAI` `asyncssh` `WinRM (pypsrp)` `TypeScript` `Docker Compose`

08/2026 to 09/2026
Freelance

Software Development in the Product Team of an AI Startup

Software Developer

- Co-developed a consumer app with an AI chat agent.
- Chat agent based on Cloudflare Agents (AIChatAgent on Durable Objects).
- Contributed to a game and asset pipeline.

`TypeScript` `Cloudflare Workers` `Cloudflare Agents` `Durable Objects`

07/2026
Vienna

START Hack Vienna 2026: AI Agent for Server Access and Support Reports

Developer in a team of three | three awards

- AI agent that securely logs into Linux servers, runs diagnostics, and creates reports for IT support.
- Voice control with ElevenLabs, awarded Best Voice Integration.
- Winner of an IT service provider's sponsor track and Overall Software.

`LLM APIs` `SSH` `Linux` `ElevenLabs`

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since 04/2026
Subcontractor

AR Learning Apps for a Textbook Publisher

App and Backend Developer | subcontractor to a software agency

- Shipped several AR learning apps for iOS and Android to the App Store and Play Store.
- Kotlin Multiplatform with platform-specific native code for ARCore (Android) and ARKit (iOS).
- Responsible for backend, releases and QA, at times managing the project with the end client.

`Kotlin Multiplatform` `ARCore` `ARKit` `AWS Lambda` `CDN`

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since 2026
Open Source

draht and Bastion: Coding Agent and Security Control Layer for AI Agents

Author and Maintainer | foundation of my software factory projects

- draht: open-source coding agent for the terminal (npm: @draht/coding-agent, MIT, built on pi by Mario Zechner), test-driven and DDD-oriented, multi-model routing with automatic fallback.
- Packages for CI, compliance, deploy guardian, and a knowledge base with vector search.
- Bastion: Rust workspace with over 20 crates that brokers LLM calls, secrets and infrastructure changes: Cedar policies, secret leasing, approval queue, signed and hash-chained audit log.

`Rust` `TypeScript` `Go` `Bun` `Node.js` `Cloudflare Workers` `Amazon Bedrock` `Tauri` `Cedar` `ed25519`

05/2025 to 09/2026
FR3N GmbH

CTO, FR3N GmbH (Creator Platform)

- Built an all-in-one platform for creators (community, monetization, AI features) as a monorepo with multiple apps.
- MCP server and AI agent features, billing and ads integration.

`SST` `Next.js` `React` `Hono` `Go (Fiber)` `AWS Lambda` `DynamoDB` `S3` `CloudFront` `Docker`

01/2023 to 05/2025
Creavings GmbH

CTO & Co-Founder, Creavings GmbH

- Took the product from empty repository to real users.
- Web apps, marketplace and cloud infrastructure on AWS (SST, AWS CDK).

`TypeScript` `Next.js` `SST` `AWS CDK` `Flutter/Dart`

01/2023 to 04/2025
Jastech

Software Development, Jastech

- Contributed to backend services with Java and Spring Boot (basic Java knowledge).

`Java` `Spring Boot`

SKILLS

Programming Languages

Rust · Go · TypeScript · Python · JavaScript · Kotlin Multiplatform · Dart · Elixir · Java (basic)

AI / Agents

AI Agents · Agentic Deployment · Software Factory · Agentic AI · Coding Agents · LLM · Generative AI · RAG · LangChain · Amazon Bedrock · Cloudflare Agents · MCP · Prompt Engineering · Guardrails · Human in the Loop · Audit Logging · Voice AI (ElevenLabs) · Process Automation

Cloud & Infrastructure

AWS · AWS Lambda · DynamoDB · EventBridge · S3 · CloudFront · SST · AWS CDK · Serverless · Cloudflare Workers · Durable Objects · Hetzner · Scaleway · EU Hosting / GDPR · Docker · NixOS · Linux · SSH · WinRM

Other

Node.js · Bun · FastAPI · Spring Boot · React · Next.js · Astro · Hono · Flutter · iOS · Android · Augmented Reality (ARKit, ARCore) · Tauri · Software Architecture · DDD · Test-Driven Development

EDUCATION

IHK-certified IT Specialist (Fachinformatiker)
Completed 2022

AWARDS

START Hack Vienna 2026 (07/2026)
Three awards with my team of three: an IT service provider's sponsor track, Overall Software, Best Voice Integration.

LANGUAGES

German
Native

English
Business fluent