

Felix Golla

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SUMMARY

AI Platform Engineer · Agentic Systems · RAG · Full-Stack AI Products. Software engineer with 5+ years of experience building production-grade SaaS, computer-vision, and LLM-based systems. Currently building AI-assisted workflow automation with agent runtimes, document/evidence processing, secure tool execution, and TypeScript/Node.js platform architecture. Published RAG research at ITHET 2024; Master's thesis graded 1.0 and awarded the Hans-Wilhelm Renkhoff Award.

SKILLS

AI / LLM	RAG, agentic workflows, tool-augmented LLM systems, MCP-based tool execution, prompt engineering, embeddings, OCR/document pipelines, LLM evaluation / tracing
Backend / Platform	TypeScript, Node.js, Python, PostgreSQL, Redis, REST APIs, authentication, CI/CD, Docker, Kubernetes, GCP, Nx
ML / MLOps	Computer vision, object detection, ClearML, cloud training, experiment tracking, data-quality pipelines
Frontend / Product	Angular, Vue.js, React, full-stack SaaS development, workflow automation, review/approval interfaces
Languages	German native, English full professional proficiency

WORK EXPERIENCE

Founding AI Platform Engineer, Anso Apr 2026 – Present
Early-stage startup build · Berlin, Germany

- Building an AI-assisted pre-payroll platform for German HR teams, turning complex document-intensive payroll workflows into guided, auditable digital processes.
- Owning the TypeScript/Node.js platform architecture with Nx, PostgreSQL, modular service boundaries, tenant-aware access control, and reusable workflow contracts.
- Developing a headless AI agent runtime for chat- and file-based workflows, connecting LLM assistance with secure tool execution, human approval steps, and traceable process flows.
- Implementing document and evidence workflows for private uploads, OCR processing, information extraction, source attribution, review surfaces, and retrieval-based assistance.

AI Software Engineer, WeSort.AI Mar 2025 – Jan 2026
Würzburg, Germany

- Designed and deployed computer-vision systems for fire-hazard detection in industrial recycling streams, improving plant safety in production environments.
- Built and maintained scalable ML pipelines in Python & ClearML on GCP, including cloud training, experiment tracking, and object-detection model development.
- Improved model iteration and data-quality workflows through MLOps and CI/CD practices while contributing to full-stack tooling in Python, Rust, and Angular.

Full-Stack Developer, Codire GmbH
Munich, Germany

Nov 2022 – Sep 2024

- Built B2B SaaS features end-to-end with Vue.js, Java Spring Boot, PostgreSQL, Angular, GraphQL, and TypeScript, improving frontend maintainability and platform performance.

JavaScript Developer, Elunic AG
Munich, Germany

Jul 2021 – Jul 2022

- Developed React-based SaaS frontend features and implemented Azure AD B2C authentication flows for secure user onboarding.

Working Student / Intern, BOTfriends GmbH
Würzburg, Germany

Jan 2019 – Jan 2020

- Built cloud-native conversational AI systems with Node.js, Google Dialogflow, GCP, custom NLU pipelines, and versioned chatbot training data.

PROJECTS

2024 **Master Thesis: Improve the learning process of students with Retrieval Augmented Generation (RAG) system**

Developed an AI-powered educational chatbot to enhance student learning. Utilized a retrieval-augmented generation model to generate questions from lecture slides and assess progress adaptively. Implemented progress tracking with gamification. Built using PostgreSQL, Python, JavaScript, Ollama, and advanced NLP models. Achieved a grade of **1.0**.

EDUCATION

2022 – 2024 **M.Sc. Digital Business Systems**, Technical University of Applied Sciences Würzburg-Schweinfurt

2017 – 2021 **B.Sc. Computer Science, Information Security**, Technical University of Applied Sciences Würzburg-Schweinfurt

2020 **Exchange Semester**, National Kaohsiung University of Science and Technology, Taiwan

RESEARCH & RECOGNITION

2026 **Hans-Wilhelm Renkhoff Stiftung Award** — Awarded for an outstanding Master's thesis on AI-powered educational systems.

2024 **ITHET 2024 Publication** — “Enhancing Student Engagement through AI-Powered Educational Chatbots: A Retrieval-Augmented Generation Approach.”