

Jochen Zink

Senior Full-Stack Engineer & Software Architect

Diplom-Informatiker (FH), Computer Science · Laatzen / Hanover, Germany
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Available 10/2026

Location Remote, on-site by arrangement

Capacity 5 days/week

Languages German (native), English (business fluent)

PROFILE

Full-stack engineer with more than 19 years of experience – from Head of IT to founding my own platform. I build and run systems end to end: microservice backends in Kotlin and Java, web frontends in Angular and React, native apps and the infrastructure underneath. My focus is clean API architecture, cloud migrations, CI/CD and observability – and increasingly AI-assisted software development with agentic workflows.

- Founded, architected and operate the food delivery platform LeckerLiefern – live in production
- Migrated a self-hosted Kubernetes cluster to AWS EKS and Concourse CI to GitHub Actions (Fielmann)
- 5 years as Head of IT, including rollout of CI/CD and the move to agile development
- Introduced agentic development with Claude Code at nepatec – and built my own platform AI-assisted throughout

SKILLS

Backend

Kotlin Java Spring Boot Spring Security Hibernate/JPA REST/OpenAPI GraphQL
RabbitMQ Kafka Liquibase

Frontend & Mobile

Angular React Next.js TypeScript Android iOS

Cloud & Infrastructure

AWS Kubernetes/EKS Helm Docker Terraform Ansible Traefik Hetzner Cloud
Cloud Foundry

CI/CD

GitLab CI GitHub Actions Jenkins Maven Gradle

Data

MariaDB PostgreSQL Oracle MS SQL Server Redis

Observability

Grafana (Loki) Tempo Prometheus OpenTelemetry Datadog Kibana Splunk

Security & Identity

OAuth2/OIDC Keycloak digital signatures

AI & Ways of Working

Claude Code / agentic development LLM integration prompt engineering Scrum/Kanban
YouTrack

PROJECTS

LeckerLiefen – Food Delivery Platform

11/2025 – present

Founder, Architect & Lead Developer · Own product (JNK Consulting)

Design, development and operation of an online ordering platform for restaurants – from the customer shop and restaurant back office to POS and receipt printer integration. Self-hosted infrastructure instead of SaaS.

- Microservice architecture (order, admin, flow, Stargate integration hub) with Spring Boot, REST and RabbitMQ
- Customer shop and admin UI in Angular; Android and iOS apps for restaurants including receipt printing
- Identity with Keycloak (customer and restaurant realms), payments with Stripe Connect
- Infrastructure on Hetzner Cloud with Ansible, Traefik and Docker; GitLab CI/CD through to deployment
- Observability stack with Grafana, Loki, Tempo, Prometheus and OpenTelemetry including alerting
- Nationwide address/geocoding index built on OpenStreetMap data, including load testing
- AI-assisted development throughout with Claude Code (spec → plan → subagents → review)

Kotlin Java Spring Boot Angular RabbitMQ MariaDB Keycloak Stripe Docker Ansible GitLab CI
Grafana

eDocBox & Introduction of Agentic Development

04/2023 – present

Senior Engineer & Tech Lead AI-Assisted Development · nepatec GmbH · 5 days/week; 10/2023 – 09/2024 2.5 days/week · Team: 6–8 people

Continued development of eDocBox – a platform for document-centric workflows and digital PDF signing, offered as a cloud service and as an enterprise installation – and introduction of AI-assisted, agentic software development in the team.

- Introduced agentic development with Claude Code for a growing team (currently 5 developers)
- Workshops on using AI agents effectively – proven practices and common pitfalls
- Guardrails and a secure working environment for agents – including shielding credentials and secrets from agent access
- Continued development of eDocBox in backend and frontend, including integration of the Personal Identity Service
- Extended authentication with OAuth2
- Multi-inbox – parallel document workflows for external users
- Maintenance of the Android apps, framework upgrades, backward-compatible API updates

Claude Code Java Kotlin Angular Spring Hibernate MariaDB Oracle MS SQL DB2 Jenkins

Personal Identity Service

06/2024 – 08/2024

Backend Developer & Architect · nepatec GmbH · Team: 3 people

Spring Boot microservice in Kotlin that requests identities from external identity providers, manages them and provides them for electronic document signatures.

- Architecture, code structure and communication protocol of the microservices involved
- OpenAPI-based API design between frontend, backend and the eDocBox identity provider
- Implementation of the Kotlin backend including the persistence layer
- CI/CD pipeline, automated deployment to multiple stages and monitoring integration

Kotlin Spring Boot OAuth2 JPA MariaDB Docker GitLab CI Grafana Kibana

Appointment Scheduling

10/2021 – 03/2023, 10/2023 – 09/2024

Full-Stack Developer · Fielmann AG & Co. Service KG · 4 days/week; from 10/2023 2.5 days/week · Team: 7 people

Continued development of the appointment system (termine.fielmann.de): minimal waiting times in the stores and optimised staff scheduling.

- Migrated a self-hosted Kubernetes cluster to AWS EKS
- Replaced Concourse CI with GitHub Actions; faster, more reliable deployments
- Migrated monitoring from Grafana to Datadog
- New features in backend and frontend, integration of external systems

Kotlin Next.js Spring Boot GraphQL PostgreSQL AWS Kubernetes Kafka GitHub Actions Datadog

eDocBox

06/2019 – 03/2023

Java Developer · nepatec GmbH · alongside employment until 06/2021, 07–09/2021 5 days/week, from 10/2021 1 day/week · Team: 6–8 people

Continued development and maintenance of the eDocBox platform in Java/GWT.

- Bug fixing, framework upgrades and customer-specific adaptations

Java GWT Spring Hibernate Jersey Jenkins

Web Archive Client & Cache Library

04/2020 – 07/2021

Java Developer & Solution Design · nexea GmbH

Replaced an EJB service with a REST service for accessing a compliance-grade document archive in the insurance sector, plus a Spring-based caching library for REST calls.

- Migration and implementation concept, full implementation as a Spring Boot service
- Design and implementation of the caching library including a performance estimate
- Documented release packages

Java Spring Boot Resilience4J Redis Maven

CAREER

Freelance Software Engineer · JNK Consulting

06/2019 – present

Full-time since 06/2021, alongside employment before. Projects for mid-sized companies and corporations, alongside building LeckerLiefern.

Software Developer, Digital Lab · HDI Systeme AG

07/2019 – 06/2021

Innovation projects in fixed three-month cycles outside the corporate process – from concept to go-live. Kotlin, Angular, Axon, Cloud Foundry.

Head of IT · nepatec GmbH

12/2014 – 06/2019

IT strategy, design of business-critical interfaces, transition from waterfall to agile, rollout of a complete CI/CD environment – still with hands-on development.

IT Consultant · nepatec GmbH

09/2007 – 11/2014

Independent project delivery at client sites – JEE on WebSphere, WebLogic, WildFly and Tomcat.

EDUCATION

Diplom-Informatiker (FH), Applied Computer Science · University of Applied Sciences

09/2003 – 07/2007

Hanover

Thesis: SOA-based B2B solution for exchanging electronic documents

TRAINING

06/2024 **Generative AI for Beginners** – LLMs, chatbots, prompt engineering

04/2024 **Machine Learning A–Z** – Python and R

11/2019 **Advanced Angular** – RxJS, NgRx