

Dr. Martin Fluch

Senior / Lead Developer · Software Architect · Application Manager

Java · Spring Boot · Angular · Cloud migration · Legacy modernisation

AVAILABLE FROM
immediatelyLOCATION
Erlangen / Nuremberg metropolitan areaRATE
on requestPHONE
+49 1575 1809329ENGAGEMENT MODEL
Remote-first, across DACHCAPACITY
Full-time, part-time possibleEMAIL
martin.fluch@fluch-it-consulting.deWEBSITE
<https://fluch-it-consulting.de>

Profile

More than ten years of project experience in business-critical Java enterprise applications, industry focus on credit institutions, building associations and public sector bodies. The past seven years continuously at a major credit institution: overall technical ownership as application manager, ongoing development of the sales application, greenfield development of several applications through to production, and recurring migration work of various kinds — consistently in a dual role of hands-on development and technical ownership. Strength in situations with an unclear starting point: error-prone legacy systems, reengineering without source code, backward compatibility across many consuming systems.

Selected projects

- **2019 – 2026 · Credit institution** — sales application for consumer credits, up to 90 % of client revenue. Carve-out of the legacy application from the monolith, Java EE to Spring Boot, VMs to OpenShift. *Senior Developer → Lead → Application Manager*
- **2024 – 2026 · Credit institution** — person identification across all client applications, Azure Functions to Spring Boot on AKS, up to 8 million events per day. *Lead Developer*
- **2022 – 2026 · Credit institution** — company-wide person search on Azure AI Search, response times in the low three-digit millisecond range. *Lead Developer*
- **2023 – 2025 · Credit institution** — advisor dashboard as the entry point into the sales process, greenfield. *Application Manager, Lead Developer*
- **2025 – 2026 · Credit institution** — validation and conversion of master and bank data after migration to a SaaS successor. *Application Manager*
- **2017 – 2018 · Building association** — new application generation for field sales. *Senior Developer*

Technologies

Backend Java (currently 25), Spring Boot 4.1, Java EE 7, JPA with Hibernate 7.4, REST · **Cloud** Azure (AKS, Event Hubs, AI Search, DevOps), OpenShift, Kubernetes, Helm, Terraform · **Data** PostgreSQL, Oracle DB, Flyway, Apache Kafka · **Web** TypeScript 5.8, Angular 20 · **Tooling** Maven, Git, Azure DevOps, Jenkins, JUnit, Mockito, SonarQube · **AI-assisted** Claude Code, GitHub Copilot · **Currently building** Kotlin

Education

Ph.D. Mathematics (Southampton, 2011) · M.Sc. Mathematics (Helsinki, 2004) · CPSA-F, iSAQB (2019)