MATTHIAS DEJA

m@deja.consulting ✉
https://deja.consulting 🔗
+49 (0) 177 68 39 889 📞

born Dec 23, 1975 (German)
fluent in English and German

Freelance IT consultant and software developer

in linkedin.com/in/matthias-deja   ⬡ github.com/Madoc   𝕏 xing.com/profile/MatthiasJ_Deja

Enthusiastic programmer. Occassional system architect, analyst and Scrum master. More than **15 years of experience** with the IT industry.

Having contributed to numerous projects for midsize and big companies, I have gathered a fair share of technological experience. And I constantly acquire new knowledge, depending on what is most well suited for an ongoing customer project.

Functional programming is a big focus of my technological interest, especially with the **Scala** programming language. When it comes to organization, my attention lies on clear processes and transparency.

Typically, I do part of the work at the customer's site, and the other part from my home office. Upon start of a project, we agree on a weekly rhythm.

I am also interested in **fixed price projects**, which get implemented independent of location. This not only spares travel expenses. Taking commute out of the equation also frees up valuable time and resources, resulting in more focused progress.

This is a selection of projects that I contributed to.

Skills	*Programming languages*	Scala, Java, JavaScript and others
	Technologies	AWS, Kubernetes, Spring, Kafka, Akka, Docker
	Concepts	Agile, microservices, functional programming, TDD/BDD
Roles		Software developer, system architect, business analyst, Scrum master

NewStore GmbH

Event stream aggregation, CI pipeline	6 months	2019

Developed an **event aggregation** service. Provisioning of **GitLab CI** for Scala projects.

- Service for asynchronous event stream aggregation, feeding data to a GraphQL frontend.
- Improved established event streaming solutions with Kafka Streams and Alpakka/Akka Streams.
- Created GitLab CI pipelines for building and deploying Scala-based services.
- Migrated microservices from a monorepo to GitLab.

    Core skills   Scala, Kafka Streams, Akka Streams, GraphQL, GitLab CI, Docker, Alpakka, microservices

MOIA GmbH

Development of new payment system	1 year	2018

Developed a new system for **payment processing**.

- Scalable, asynchronous, Scala-based system with numerous integrations.
- Planning, architecture, development and operation.
- Integrations with banks, accounting, and created subsystems such as coupon management, tipping or customer service.

    Core skills   Scala, AWS, Kubernetes, Akka, functional programming, accounting

Galeria Kaufhof GmbH (now GALERIA Karstadt Kaufhof)

Central IDP for Single Sign-On (SSO)	1 year	2017

Replacement of the in-house **IDP solution** (identity provider) with a standard product.
- Improved systems security, enabled single sign-on and integration with other providers such as Facebook, Google, Twitter. Centralized account management.
- Customization and deployment of a standard product, including adaptation of internal services.

    Core skills   Scala, Akka Cluster, Cassandra, Play Framework, Keycloak, Java

Parfümerie Douglas GmbH

Migration of legacy platform to microservices	10 months	2016

Adapted the e-commerce platform to strategic company goals. Systems analysis and subsequent consulting.

    Core skills   Scala, Kafka, Spring, HornetQ

Realtime KPI dashboard	4 months	2015

Live KPI rendering, low latency, e.g. order statistics. Planning, implementation, documentation.

    Core skills   Scala, Kafka, Akka, Apache Spark, Hybris integration

Development of Single Sign-On (SSO)	5 months	2015

Unified access for customers to various brand sites, facilitating customer loyalty for marketing actions. Planning, consulting, implementation, documentation.

    Core skills   Scala, Akka, microservices, Spring, HornetQ

Vorwerk Group

Global cloud infrastructure	3 months	2015

IoT infrastructure for worldwide rollout of cloud-enabled devices. Architecture, concept, team guidance.

    Core skills   High Availability, microservices, Hazelcast, Spring, Docker, Netflix Stack

Customer data consolidation	10 months	2014

Centralized scattered customer data, to enable unified world-wide campaigns.
- Single-handed microservice architecture, implementation and formal specification (BDD).
- Guided and coordinated teams in several countries, to help them integrate.

    Core skills   High Availability, High Performance, Spring, TDD/BDD, Hibernate, JBehave

Deli XL B.V. (now Bidfood), Netherlands

New omnichannel webshop (greenfield)	3 years	2011

New development from scratch. Goals: reaching new customer groups, business **digitalization**.
- Developer, business analyst, Scrum master.
- Integrations with SAP and AS/400, amongst others.
- Introduction of agile methods (Scrum) and responsive front-end design.

    Core skills   Agile, TDD, Oracle Commerce (ATG), Java, Oracle, GigaSpaces, Omnichannel, Responsive

conVISUAL AG (now mVISE)

Software developer	8 years	2002

Java Projects in **mobile services**, reporting, development of the in-house platform.
- Software development, outsourcing, requirements analysis, quality management.

Debitel AG (now mobilcom-debitel GmbH)

Testing team lead, test automation introduction	7 months	2001

Regression tests for internal customer care software. Consultant of American Management Systems.