

Matthias Streidel

SOFTWARE DEVELOPER & IT-CONSULTANT

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Experience

Senacor Technologies AG – Customer German payment service provider

Frankfurt am Main/Homeoffice

SENIOR SOFTWARE DEVELOPER (FULL STACK) AND IT-CONSULTANT

Since Oct. 2024

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Kotlin | Spring Boot | JPA | Spring Modulith | Hibernate | PostgreSQL | REST | Swagger | React | Material UI | Vite | Vitest | React Router | React Hook Form | ZOD | TanStack Query | Playwright | react-i18next | eslint | prettier | AWS | Terraform | GitHub

Senacor Technologies AG – Customer German payment service provider

Frankfurt am Main/Homeoffice

SENIOR SOFTWARE DEVELOPER (FULL STACK) AND IT-CONSULTANT

Dec. 2020 – Sep. 2024

- Projects: *Brand transition, Technical integration of external payment processes, DevInfra migration, KYC implementation*
- Implemented, enhanced, and documented existing REST-APIs, which were also utilised by front-end applications in the system
- Achievements: Full automation (CI/CD) for API-documentation and component documentation (Storybook)
- Managed migration of the development infrastructure to GitHub including a complete rewrite of back-end as well as front-end Jenkins Pipelines into GitHub Workflows
- Fully integrated external payment processes after a major merger
- Regularly organised and hosted sprint review meetings, took up the roles of *on-call duty* including management of incidents, *log-watcher*, and *service desk*
- Developed a web portal for testing REST APIs that also includes several convenience functionalities
- Managed onboarding and offboarding processes for new developers, as well as interns and working students
- Delivered auxiliary support as a part of DevInfra and IT-SEC teams while also contributing to front-end operations
- Responsible for regular updates and maintenance of development infrastructure

Kotlin | Java | Spring Boot | CQRS/ES | REST | NoSQL/MongoDB | TypeScript | React | AngularJS | CI/CD (GitHub/Jenkins/GoCD) | Self-Contained Systems | Figma | Husky | Jest | HATEOAS | HAL | Kibana | PlantUML | AsciiDoctor

DATEV eG – Dpt. Data Transmission Platform

Nuremberg/Homeoffice

SOFTWARE DEVELOPER

Feb. 2020 – Aug. 2020

- Project: *Electronic Data Interchange Inbound/Outbound* – Central platform for all inbound and outbound communication between DATEV eG or its client with third parties in particular those with data centres
 - Developed and integrated Java 11 HTTP client incl. API for communication with internal and external REST-services
 - Developed and integrated MQ-listener via Spring JMS for asynchronous integration tests of the microservice landscape
 - Maintained services (adding behaviour/feature, e.g. new encoding, malware-checks, and COVID-19 message processing)
- Java 11 | Spring Boot | DevOps | Cloud Foundry | Tomcat | TFS | CI/CD | Fortify | Artifactory | TDD | jqwik/JUnit5 | REST | Swagger | Bash | vuepress/npm | Splunk | Coding Kata | SCRUM

ISO Software Systeme (Public Services) – Customer Bundesagentur für Arbeit

Nuremberg

SOFTWARE DEVELOPER (FULL STACK) AND IT-CONSULTANT

Feb. 2019 – Jan. 2020

- Project: *FALKE* – Application for managing all procedures according to SGB2, SGB3, and Familienkasse
 - Migrated from Log4j1 to Log4j2; Introduced Slf4j as abstraction layer for later flexibility
 - Migrated a legacy batch framework to JSR-352/JBeret and integrated into FALKE processes
 - Introduced of Lombok in order to reduce amount of boilerplate code
 - Maintained productive system via Oracle 12c database using PL/SQL and Liquibase
 - Automated deployment of component on remote linux server for faster testing during development via Bash script/CLI tool
 - Analysed Hibernate Bean Validation for possible later feature implementation
 - Improvement of collaboration between departments by visualisation of processes via BPMN 2.0
- Java 8 | SVN & Git | Log4j2/Slf4j | Lombok | Liquibase | Wildfly | Oracle 12c | JGoodies/Java Swing | JBeret | Hibernate | BPMN 2.0 | JaCoCo | WebSphere AS | Waterfall-ITIL

ISO Software Systeme (Travel Solutions) – Dpt. Airport and Airline Management

Nuremberg

SOFTWARE DEVELOPER (FULL STACK)

Mar. 2017 – Dec. 2018

- Projects: *SKYport AODB for various airports in Slovenia, Greece, Brazil, Belgium, as well as the Malaysian Air Traffic Control*
 - Implemented features for an airport management system (SKYport AODB) with focus on middleware and reporting
 - *Middleware*: Service integration and process automation with external institutions, e.g. data import and export. Database updates via: file import, processing of incoming e-mail attachments or web requests using Apache Camel (Java and Groovy DSL)
 - *Reporting*: Developed customer specific reports (JasperReports and PL/SQL), giving insight on various business metrics and providing basis for analysis in the areas marketing, operations, and management
 - *Front-end*: Maintained web application, implemented in Apache Tapestry
 - *Individual commitment*: Improved productivity by implementing small CLI tool; Organisation of regular community event to improve inter-department communications
- Java 8 | Groovy | Apache Camel | JasperReports | Oracle 12c | SVN | Python | Wildfly | Apache Tapestry | JUnit4 | Vagrant | VirtualBox | Hibernate | mvel | Kanban

- Projects: *Automation of financial accounting*, *Framework Architecture*, and *SaaS ERP*
 - Analysis of data pre-processing methods and usage of big data and various machine learning algorithms for accounting predictions; Analysis of predictions and data visualisation **Python** | **Anaconda** | **Jupyter Notebook** | **Machine Learning** | **Big Data** | **Git Bash**
 - Process analysis and visualisation in various notations (BPMN 2.0, eEPC, interaction diagrams, UML)
 - Defined controlling processes, requirements, and modelling conventions for process modelling with BPMN 2.0, as well as quality assurance
- BPMN 2.0** | **PowerShell/CMD** | **UML** | **OCR** | **MID Innovator** | **Non-functional requirements** | **Software Quality & Testing** | **VMWare Workstation & Player**