Rui Couto

SENIOR SOFTWARE ENGINEER

PROFILE

Since a young age I was very curious about computers - this led me to software engineering facing a reality I didn't expect, but that ended up becoming one of my passions. I've specialised myself in backend development in the FinTech and InsurTech spaces.

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER & PEOPLE LINK
apinity GmbH (prev. Syncier GmbH) | Aug 2021 - present
- Architecture, data model & API design of new features (micro service and event driven design)
- Development/Implementation of requirements
- Lead for key stakeholders integration needs: design, refinement, estimation, planning and implementation
- Responsible for complex migrations and tech debt tackling - achieving monthly costs reduction and eventually rewriting over 60% of the codebase
- Career management & mentoring, including establishing new processes
- Evaluation & performance review of peers
- Interviewing and recruiting
- Meeting facilitation

Technologies: Java 11-17, Spring Boot, PostgresSQL, Azure Cloud, Kubernetes, Docker, Kafka, Axon, gRPC, Liquibase, Hibernate, Hazelcast, Microservices, JUnit, Gradle, Git, REST APIs, Keycloak, JIRA

SOFTWARE ENGINEER
Payback GmbH | Aug 2019 - Jul 2021
- Implementation of new features, from conceptual phase to deployment in higher environments
- Continuous integration and delivery using Jenkins and Ansible
- Migration of a monolithic project towards micro service architecture
- Coordination of important data migration in production environments affecting over 30 mo. records with very reduced downtime possibilities (<1 hour)
- Coordination of releases to higher environments
- Stakeholder communication

Technologies: Java 8-11, Spring Boot, JEE, Spring, SQL, Ansible, Jenkins, Hibernate, Microservices, Git, SVN, JUnit, Maven, REST APIs, JIRA

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EDUCATION

MSc Software Engineering
Faculty of Engineering,
Porto University
2013 - 2015

BSc Computer Science
Faculty of Engineering,
Porto University
2010 - 2013

SKILLS

TECHNICAL

Java

Spring | Spring Boot

Kafka | gRPC | REST | SOAP

SQL | Hibernate | Liquibase

Docker | Kubernetes

JUnit | Selenium

Gradle | Maven

Azure Cloud

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WORK EXPERIENCE (CONTINUED)

○ **SOFTWARE ENGINEER**
enmacc GmbH | Oct 2017 - Jul 2019
- Implementation of new features in a Spring Boot monolith application
- Contributions towards architectural decisions for event driven communication
- Performance improvements (getting a majority of requests with a response time under 100ms) using caching and efficient data transmission (gzip)
- Frontend development for small features and fixes
Technologies: Java 8-11, Spring Boot, SQL, Hibernate, JUnit, REST APIs, Selenium, Angular, RxJS, NgRx, Typescript, Git, Maven, JIRA

○ **ENTERPRISE 2.0/JAVA CONSULTANT**
eProseed | Aug 2015 - Sep 2017
- Contributions to multiple client's projects
- Started the architecture planning towards moving to a micro service architecture for a big retail company in the United Kingdom
- Developed a working prototype for a digital click & collect system for a retailer in the United Kingdom
- Introduced new document digitalisation features for big asset & wealth management providers in the European Union, enabling less manual work on policy documents reviews
Technologies: Java 6-8, Java EE, Oracle ADF, Oracle JET, Oracle Database, SQL, GIT, SVN, JIRA

SKILLS

PROFESSIONAL

Good communication

Creative

Organised

Strong focus

Good interpersonal skills

Responsible

Flexible

Fast learner

Team player

LANGUAGES

PORTUGUESE
MOTHER TONGUE

ENGLISH
FLUENT (C2)

GERMAN
WORKING PROFICIENCY (B1)

SPANISH
ELEMENTARY PROFICIENCY (A2)

INTERESTS

Fitness

Hiking

Travelling

Automation | DYI projects

Politics