Ramazan Cinardere

Senior IT Consultant (B.Sc.)

&

Managing Director CTREAM

CONTACT

Ramazan Cinardere
10.06.1986

Flugplatzstraße 33A,
55126 Mainz

+49 162 855 43 45

ramazan.cinardere@ctream.de

www.ctream.de

INTERESTS

LANGUAGES

EN Fluent

TR Native language

CERTIFICATES

Angular7 (angular.school)

Certified JavaScript Developer
(w3Schools)

EDUCATION PATH

10/2012 - 10/2015 **Bachelor of Science - Computer Science**
Frankfurt University of Applied Sciences

Bachelor thesis:
Development of an Android Application for study planning

PROJECTS

12/2021 - 10/2022

Worldline GmbH - Kiel
Design and development of an IOT infrastructure -for the backend of mobile applications

Design of the µ-service system architecture for the backend. Development of several µ-Services with RESTful APIs (Spring-Boot), via which the mobile applications (iOS, Android) synchronize the data generated by the user.

The API can only be called by authorized clients, so Spring security was used for authentication/authorization.
The data was persisted in a PostgreSQL as well as in a MongoDB.

The µ-services were built and deployed using GitLab CI/CD. Development of the individual pipelines and the installation/configuration of GitLab Runners.

Other tools:
Java-17, JUnit, Maven, JPA(Hibernate), Swagger, Postman, Linux, SCRUM, JIRA, OAuth2, Keycloak

Methods & Procedure
Scrum, Kanban ★★★★★

Languages
Java (8, 11, 17) ★★★★★
TypeScript ★★★☆☆
JavaScript ★★★☆☆
SQL ★★★★★
Groovy ★★☆☆☆
Kotlin ★★☆☆☆
HTML/CSS3 ★★★☆☆

Frameworks
Spring-Boat ★★★★★
Spring Cloud ★★★★★
Angular ★★★☆☆
Cucumber ★★★★★
JPA(Hibernate) ★★★★★

Databases
PostgreSQL ★★★★☆
Oracle ★★☆☆☆
Apache Cassandra ★★★★☆
MongoDB ★★★★★
SQLite ★★★★☆

Cloud
Microsoft Azure ★★★★☆
Heroku ★★★★☆
IBM Watson Cloud ★★★★☆
Redhat Openshift ★★★☆☆
Kubernetes ★★★☆☆
Docker ★★★★☆

2022
short deployment of one month

HanseMerkur - Hamburg
Development of an API for the management of insurance data

A RESTful API was developed using Spring-Boot(Java17), via which insurance data is managed by internal applications/processes. The data was stored in the Oracle DB and passed on to other processes through defined stored procedures.

The API could only be accessed by authorized clients, OAuth2 and Keycloak were used for this purpose.

The application was built in GitLab CI/CD as Docker images and deployed to OpenShift using Helmcharts.

More tools:
Swagger, OpenAPI, Junit, Maven, Postman

08/2021 - 12/2021

Coneva GmbH - Munich
Development of an IOT cloud application (MS Azure) for the analysis of energy consumption.

Development of various microservices using Spring-Boot/Cloud (Java11) for consuming events that are published to dedicated platforms (Event Hub, Chain2Gate) using various protocols such as MQTT, Chain2 and DECT. Responsible for deployment via Helm charts (CI/CD Azure Pipelines, Docker) and monitoring of individual pods (K8s).

Convert and interpret the events and persist the data in a relational database (PostgreSQL, Flyway).

Provisioning of the interpreted data using a RESTful API. Unit and regression testing using Junit5. Visualization of data via Grafana.

04/2021 - 07/2021

Ratepay GmbH - Berlin
Migration of a monolithic application to microservices

Deriving domain-oriented microservices from the existing monolith using domain-driven design (DDD).

Tools:
Spring Boot, Java11, Jenkins, Docker, PostgreSQL, JPA, Flyway, Scrum

---

02/2021 - 03/2021

Bavarian Vaccination Center
Backend implementation of Covid-19 registration

Development and securing of a RESTful API using Spring-Boot-MVC (Java11) and Spring-Boot-Security, for the management of registrations. Recording and implementation of functional requirements as well as program errors within a Kanban process.

Set up, manage and maintain an IAM system with Keycloak. Managing the data using Microsoft SQL Server and reading/writing to the database via JPA(Hibernate).

08/2020 - 01/2021

08-2021 - 11- 2021

Vaillant Group GmbH - Remscheid

Development of an IOT cloud application for smart device meta-information provisioning.

Consuming and interpreting eBus- telegraphs from Apache-Kafka Topics using Kafka streams. The individual microservices (Spring-Boot/Java11) used for consuming and transforming the eBus telegraphs are hosted in the AKS of Microsoft Azure.
Securing the REST APIs via connection to CRM system (Salesforce) and Spring security. Management of business data within a MongoDB (Cloud Atlas). Development of functional acceptance tests with WireMock.

08/2020 - 12/2020

10/2021 - 12/2021

Deutsche Bahn AG - Frankfurt am Main

Development of NLP, NLU and NLG for a chatbot - SEMMI (socio-empathic human-machine interaction).

Evaluation of natural language information provided by users through files via the REST APIs (Spring-Boot-MVC/Java11). Subsequent extraction and (semantic, syntactic and content) validation of these files.
Creation and identification of skills by connecting NLU cloud providers (IBM Watson cloud). Managing and persisting the skills in MongoDB. Providing a REST API for inferencing the information entered by the user. Automated API testing via Postman (Newman). Besides the typical developer tasks, I was very involved in requirements management and architecture decisions. Requirements were submitted to the team via the JIRA board as stories. The architecture as well as the APIs were approached according to the paradigm DDD (Domain-Driven-Design).

07/2019 - 04/2020

Deutsche Bahn AG - Frankfurt am Main

Development of a web application for the Smart-Locker solution

Design (Swagger) and implementation of a multi-tenant web application for using the Smart Locker APIs. Authentication and authorization of REST APIs (Spring-Boot-MVC/Java8) using Spring-Security. Connection of various 3'rd party functionalities. Design and development of automated integration tests using Cucumber according to BDD (Behavior Driven Development). Persistence and administration of the locker and the users.

01/2018 - 07/2019

Federal Employment Agency - Nuremberg

Development of a self-exploration tool

Develop test items with templates (HTML5 +

CSS3) for all modern browsers. Fill in test items from users and transfer them to dedicated Angular components and submit them to the backend for evaluation (in JSON format).

Test tasks Generate templates from XML and make them available in a protected API. Data migration from a relational database to a NoSQL (Apache-Cassandra) database. Automation of functional acceptance tests using Cucumber. (Spring-Boot-MVC/Java8)

08/2016 - 12/2017

Dallmeier Electronic GmbH & Co KG - Regensburg

Development of a web application for a video surveillance system for security personnel

Develop microservices (Spring-Boot-MVC/Java8) that consume events produced by the cameras into the individual ActiveMQ topics. Depending on your incoming event, execute predetermined business processes using a rule engine (Groovy). Make data coming out of the rule engine available in an API protected with Spring security and the ACL concept.

02/2016 - 07/2016

Valtech GmbH - Neu Isenburg

Development of service for smart connected cars

Maintenance and further development of smart services. Functional acceptance tests using JUnit.

2014

FraRota *(Non Profit Project)*

Android application for duty roster scheduling

Development of an Android application for the visualization as well as scheduling of the duty rosters of the employees of the ground handling services of Fraport AG. Employees can provide their annual schedules to the app via the Android application. The app sends this file to the frarota-service web application, which is hosted on Heroku. The service extracts the content and sends it back to the app in the form of a JSON file. The app transfers the content of the JSON to the smartphone's calendar. The data is then persisted in the SQLite database for history purposes.

REFERENCES

Vaillant GmbH
José Ureña Lopez
jose.urena-lopez@vaillant-group.com

Deutsche Bahn GmbH (Smart Locker)
Sven L. Great
sven.grosse@deutschebahn.com
+49 69 265 40077

Dallmeier Electronic
Dr. Martin Theis
martin.theis@dallmeier-electronic.com

Deutsche Bahn GmbH (SEMMI)
Thomas Schiffler
thomas.schiffler@deutschebahn.com
+49 69 265 42 492

Federal Employment Agency
Danny Nargorsen
danny.nargorsen@arbeitsagentur.de

Valltech Mobility
Sven tree
sven.baum@valtech-mobility.com

Mainz, October 11, 2022