

Markus Juopperi

Senior Developer
Tampere

Curriculum Vitae

Contact information

Name: Markus Juopperi

Email: markus-juopperi@hotmail.com

Phone: [+358 40 823 7429](tel:+358408237429)

LinkedIn: <https://www.linkedin.com/in/markus-juopperi/>

Bio

I have approximately 10 years of experience in the IT industry across a variety of software development roles. I have focused mainly on integration / backend and API microservice development in Java, using the Quarkus, Spring Boot and Apache Camel frameworks. In my most recent projects my role has been Senior Software Developer / Consultant. I also have broad experience with containerization - in particular the Kubernetes-based Red Hat OpenShift ecosystem and related open source technologies, as well as Docker. In addition, I have built automation and CI/CD pipelines with a variety of technologies. All projects have been delivered primarily using agile methods / the DevOps model.

Skills

Programming languages: Java, Kotlin, Python

Backend: Spring Boot, Quarkus, Apache Camel

Databases: SQL, PostgreSQL

Cloud platforms: AWS, GCP

DevOps: Docker, Kubernetes, OpenShift, GitHub Actions, ArgoCD

Red Hat: Red Hat OpenShift, ServiceMesh, GitOps, 3scale API Management, Keycloak, Elasticsearch, Fluentd, Kibana, Prometheus, Grafana

Work experience

Senior Integration Developer | Loom Oy / Marvel Consulting Oy | 02/2022 - 04/2026

Worked as part of the development team in the role of Senior Integration Developer. My responsibilities covered a wide range of tasks related to installing, configuring (IaC) and specifying a new integration platform. In addition, a variety of tasks related to setting up a new "integration factory": CI/CD pipelines, coding conventions, documentation, Maven project templates and example projects.

Technologies used in the project:

Red Hat products: OpenShift, Red Hat build of Keycloak, 3scale API Management, Artemis AMQ. **Automation and CI/CD:** GitLab, ArgoCD.

Integration development: Java 21, Quarkus and Camel.

01/2025 - 07/2025

Worked as part of the development team in the role of Senior Integration Developer. My tasks mainly involved developing new integrations in Java 21 using the Quarkus and Kafka frameworks.

Technologies used in the project: Java 21, Quarkus, Apache Kafka, Kubernetes, Azure DevOps, ArgoCD.

02/2022 - 05/2024

Worked as part of an agile DevOps team in the role of Senior Integration Developer / Architect. We delivered a new integration platform to a public sector customer. The integration platform consisted of OpenShift clusters installed on GCP. My

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responsibilities covered a wide range of tasks related to installing, configuring (IaC) and specifying the new integration platform.

In addition, various tasks related to setting up a new “integration factory”: CI/CD pipelines, coding conventions, documentation, Maven project templates and example projects.

Technologies used in the project:

Red Hat products: OpenShift, SSO, ServiceMesh, 3scale API Management.

Automation and CI/CD: GitHub Actions, ArgoCD, Ansible.

Integration development: Java, Quarkus and Camel.

Integration Specialist | Digia Oy | 01/2021 - 01/2022

Worked as part of the development team in the role of integration developer. My tasks included the development, specification and testing of integrations.

Technologies used in the project: Java, Apache Camel, Spring Boot, Docker, Kubernetes, AWS, Terraform, Jenkins.

Freelance Java Developer | Aggreko, Berlin - Germany | 10/2019 - 06/2020

Worked as a full-stack developer as part of the product development team. The product was an off-grid energy storage solution (Aggreko Y.Cube).

Technologies used in the project:

Java, Kotlin, Micronaut, Microservices, Karaf, ActiveMQ, MySQL, Flyway, Docker, OpenShift, Jenkins.

Freelance Consultant | Red Hat, Bonn - Germany | 10/2018 - 07/2019

Worked as part of a Red Hat consulting team on site at a telecommunications customer in Bonn. My tasks included installing, configuring, testing and documenting a new OpenShift platform and ServiceMesh. I developed example services using Spring Boot + Camel. I installed and configured “Red Hat SSO on OpenShift” for the customer. I automated installation and configuration tasks with Ansible.

Technologies used in the project:

OpenShift, ServiceMesh, Java, Spring Boot, Camel, Ansible, Jenkins.

Software Developer | Alma Media Partners Oy | 05/2018 - 10/2018

Worked as part of the development team on the autotalli.com service.

Technologies used in the project:

Java EE, PostgreSQL, Hibernate, jQuery, AWS.

Software Developer | Logia Software Oy | 10/2015 - 04/2018

Development of integrations to various WMS, SCM, e-commerce and ERP systems.

Technologies used in the project:

Switchyard ESB, Fuse ESB, OpenShift, Apache Camel, Apache CXF, XSL, Java.

Data formats: XML, JSON, CSV, EDIFACT.

Data visualization: ELK stack (Elasticsearch, Logstash, Kibana).

Trainee / Thesis Worker | Nokia Oy | 05/2014 - 05/2015

Various tasks related to GSM network testing and test automation.

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Thesis title: “Automation of integration testing for the packet control unit of a GSM network base station controller”.

Education & Certifications

Bachelor of Engineering, Information Technology (Software Engineering) | Tampere University of Applied Sciences | 2014

Microsoft Certified: Azure AI Engineer Associate | 2026

Microsoft Certified: Azure Developer Associate | 2026

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Language / technology	Level 1-5	Years of experience
Java	5	10
Apache Camel, integrations, REST APIs	5	8
Quarkus, backend, integrations, Hibernate Panache ORM	5	3
Spring Boot, backend, integrations, Hibernate	5	5
Micronaut, backend	3	1
GitHub, GitHub Actions	4	8
GitLab, GitLab CI/CD	3	1
ArgoCD	5	3
Jenkins	2	4
Kubernetes, Docker	5	7
Red Hat OpenShift, Red Hat build of Keycloak, Red Hat ServiceMesh, Red Hat 3scale API Management, Red Hat GitOps	5	7
GCP	3	2
AWS	3	2
Azure	1	1
PostgreSQL, SQL	3	4
Ansible, Terraform	3	3