

Technical Lead (full-time)



wikimove

Full Stack Java/JavaScript Developer (f/m/d)

Smart City/Mobility-as-a-Service

wikimove

DE-96047 Bamberg

Job Description

Type of Job: Full-time (Remote/Hybrid)

Seniority Level: Tech-Lead

Start Date: ASAP

Full Description

In this role, you will develop a Mobility-as-a-Service (MaaS) solution that supports the collection and exchange of mobility information such as the location and status of various shared vehicles and mobility infrastructures, enabling city agencies to orchestrate them with societal goals and the environment (SDGs) in mind. The first frontend, a cross-city mobile application is for renting vehicles and planning and executing intermodal trips via the mobile app to create a holistic mobility offering from the first to the last mile. The second frontend is a web-based application, customizable to the local context, used by city authorities to plan and monitor traffic within their city limits.

The entire system provides information about various public and private mobility service providers (MSPs). For this purpose, the system calls the APIs of the providers and streams the information to different data sinks (Graph database, Kafka). It is divided into different microservices that communicate with each other via APIs.

The setup of the mobile application consists of two native apps (iOS, Android) implemented via a cross-compiler framework called Flutter, a Spring boot backend, and various provider microservices that collect information about the vehicles and are used to communicate with the providers. The data sinks are neo4j and Kafka. All microservices are secured by a Keycloak gateway.

Your Tasks

Since there are many types of components, technologies and frameworks used in the different teams within the project, we are looking for a technical lead that also connects the individual teams/contributors as a team leader. As our technical lead, your tasks will be:

- To further develop the software architecture of the whole system
- To make specifications for the tools and technologies used
- To manage and oversee the implementation of user stories and tasks
- To be responsible for the software quality delivered by our on- and offshore team and implement technical proofs of concept
- To maintain & supervise all components of the system and ensure that the project roadmap is met
- Active contribution to the development of the backend

In addition, you will support the team with interdisciplinary technology knowledge and experience. This includes:

- Overseeing the proper use of technology and tools
- Adherence to best practices
- Ensuring requirements are met and quality goals are achieved

Technical Requirements

- More than 5 years of experience as a developer
- Experience in software architecture
- Experience with microservice-based architectures
- Experience with reactive programming model
- Experience with Spring, WebFlux
- Experience in Java and Spring-Boot
- Experience with React
- Experience with Kafka
- Experience with Neo4j
- Experience with Keycloak
- Experience in monitoring (Prometheus, Grafana, Kibana)
- Experience in DevOps (CI/CD)
- Optional, but desirable: Experience with Flutter

Soft Skills

- Experience as a team leader
- Good language skills in English
- Desirable: experience as project manager and/or product manager
- Optional, but desirable: language skills in German

Our Offer

- Agile and dynamic work environment with many opportunities to contribute/develop.
- Personal development: access to Techstars mentors and others, high growth potential as an early employee
- Flexibility: flexible working hours and locations depending on individual needs and requirements
- Variety: Interesting, challenging and changing tasks and requirements
- Competitive compensation and stock options available

About wikimove

wikimove is a Techstars-backed company that aims to accelerate the transition from motorized mass transit to shared mobility and Mobility-as-a-Service.

Website: <https://wikimove.me/>

Hiring Manager:

Daniel Wolpert

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Industry: Ground Passenger Transportation Company, team size 10-20

Specialties: Mobility as a Service, Transportation, Mobility Management, Shared Mobility, Smart Mobility, Smart City

Our Support



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