

Leonid Koftun

leonid.koftun@gmail.com // from Munich, Bavaria // speaks English, German, Russian and French

Professional Experience

Software Engineer - Device Insight GmbH, *Munich, December 2017 - present*

- Implemented features for an automotive IoT Platform. Led ticket estimations and designed components for a large microservice architecture. Performed rolling update deployments and complex migrations. Shaped the logging landscape of the platform by migrating away from Graylog to Grafana Loki and organizing company-wide trainings for the subject. Provided third level customer support and responded to incidents. (Java 11, Kotlin, Kubernetes, Docker, Helm, Cassandra, Postgres, Flyway, Elasticsearch, Maven, Jenkins, Cucumber, Spring Boot, Kafka, Azure AKS, Prometheus, Grafana)
- Took over a legacy building management system for maintenance and established a modern development environment and process. Introduced a monitoring stack for the QA environment to identify and fix existing performance issues. (Gitlab CI/CD, Windows Server, Oracle DB, Java 11, Hibernate, Spring, Wildfly, Prometheus, Grafana)
- Developed popular open source CLI “kafkactl” as a more user-friendly alternative to the default Apache Kafka command line tools (Golang, Github Actions, Kafka)
- Evaluated relevant Microsoft Azure cloud components for a field test IoT project. Designed Microsoft IoT Central interfaces to integrate with Azure Sphere Devices and created dashboards for the field test end-users. Implemented and deployed Azure Functions to enhance the solution with custom features. Created Infrastructure-as-Code tooling to configure Azure resources from a CI/CD pipeline. (Azure IoT Central, Azure IoT Hub, Azure Functions, Typescript, Node JS, Webpack, Gitlab CI/CD, az CLI)
- Led a project through the pre-sales stage, defining requirements and estimating large work packages for a customer offer. (Requirements Engineering, Azure IoT Hub, Azure Timeseries Insights, Azure Cosmos DB, Azure Functions)

Software Developer - SUBSEQ.NET GmbH, *Munich, October 2013 - November 2017*

- Designed reusable modules for a company internal web application framework based on Spring Boot, allowing for rapid bootstrapping of new apps. (Spring Boot, Postgres, Ebean ORM, Maven, Javascript)
- Created, launched and maintained multiple web apps (“insta.vote”, “ipwatch.dog”, “nxt.is”) based on in-house web application framework (Java 8, Spring Boot, Ebean ORM, Postgres, Freemarker, Vue JS, Bootstrap, WebSockets, Webpack)
- Created a prototype web app for comparing large Excel catalog files which resulted in the client’s successful acquisition. Conducted workshops with the client. (Java 8, Spring Boot, Jooq, Postgres, Apache POI, Bootstrap)
- Led the rewrite of the legacy Android app “fishpixl” and launched it successfully to the Google Play Store (React Native, Android, Redux)
- Set up and maintained Docker Cloud linux nodes. Maintained the development infrastructure including ELK Stack, Prometheus, Grafana, Gitlab CE.

Education

Werner-von-Siemens Gymnasium, *Munich, July 2013*

Higher education entrance qualification / BAC (Final Grade: 2.7)

Ludwig-Maximilians-Universität, *Munich, September 2013 - August 2015*

B. Sc. Computer Science (partial)

Wilhelm-Büchner-Fernhochschule, *September 2016 - present*

B. Sc. Computer Science (partial)

Interests

Weight lifting, gardening, pour art, hiking, swimming, 3D printing, DIY, cars, mental health, cooking, music