



M A A R T E N B L O K K E R

F R E E L A N C E S O F T W A R E D E V E L O P E R

C O N T A C T

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S U M M A R Y

I'm a self-starting, passionate developer, looking for an assignment that allows me to create reliable back-end systems at scale. My experience ranges from working together in a small team to being the lead of multiple multi-disciplinary teams. I love learning new things and share what I've learned over the last 10 years of software development with others.

S K I L L S

PROGRAMMING LANGUAGES

Java
Kotlin
JavaScript (NodeJS)

FRAMEWORKS & PLATFORMS

Spring boot
GraphQL
Kafka
MQTT

DATABASES

JPA, Hibernate
PostgreSQL, MySQL, DynamoDB, BigQuery
Redis, Cassandra, MongoDB
Elasticsearch

DEVOPS

Kubernetes
Docker
Jenkins (DSL, pipelines)
GitHub actions
Terraform

OTHER

Kibana / Grafana, Logstash / FluentD,
Prometheus, OpenTracing, Elastic APM

W O R K E X P E R I E N C E

BACKEND DEVELOPER

FedEx, Hoofddorp

JULY 2023 — PRESENT

Phasing out TNT-Post by migrating customer files to the FedEx platform.

- Develop strategies to transfer customers based on customer type
- Develop APIs for customer journeys

BACKEND DEVELOPER

Technolution, Gouda

FEBRUARY 2023 — JULY 2023

Helped develop modules to control traffic lights for emergency services.

- Implemented various smart traffic APIs from international municipalities
- Modularizing existing spring boot applications for future-proofing

LEAD BACKEND DEVELOPER

De Bijenkorf, Amsterdam

APRIL 2020 — NOVEMBER 2022

Responsible for the back-end developers in three scrum teams.

- Worked on creating technical roadmap, salary and career progression and overall developer performance
- Implemented anonymous wishlist functionality
- Migrate from Apollo GraphQL (JavaScript) to Netflix DGS (Kotlin)

BACKEND DEVELOPER

De Bijenkorf, Amsterdam

FEBRUARY 2017 — APRIL 2020

As a team Member, I was responsible for creating the backend for features in the product team, focusing on search, product detail, product lister and wishlist pages.

- Create and maintain multiple Java & Kotlin Spring boot microservices
- Introduced Kotlin and migrated multiple codebases from Java to Kotlin
- Implement numerous SEO features
- Implemented monitoring from scratch (ELK, Grafana and Prometheus)
- Implement GraphQL server with Apollo for product information
- Implemented blue green deployments for a monolithic CMS with Terraform

INTERESTS

Bouldering
Cooking
Travelling
Gaming
Home automation

WORK EXPERIENCE, CONTINUED

FULL STACK DEVELOPER

Boomerang, Amsterdam

SEPTEMBER 2016 — FEBRUARY 2017

Together with a small team, we implemented and rolled out a distributed “public screen” system, used to display commercials or artwork.

- Create Spring boot API to roll out media to public screen hardware
- Used JavaFX and Raspberry Pis to create public screens
- Implemented back-office in Angular

SOFTWARE DEVELOPER

Vialis, Amsterdam

FEBRUARY 2016 — SEPTEMBER 2016

Participated in the creation of a monitoring and control system for traffic control of an alternating highway lane (A9-A1-A6).

- Created traffic controller UI in JavaFX, that facilitated usage of cameras, controls road barriers, matrix signage, etc.
- Contributed to development of control system in custom pub-sub system based on JMS running on OSGI

SOFTWARE DEVELOPER

Biostream International, Arnhem

APRIL 2015 — FEBRUARY 2016

Design and develop system that uses recipes with a measurement and control system for use in fermenters. These systems use pumps, lamps and a host of sensors to, for instance, grow algae.

- Create UI in JavaFX used on a touch screen on the fermentor.
- Contributed to development of hardware drivers of custom designed PCB

SOFTWARE DEVELOPER

Javaland, Amsterdam

FEBRUARY 2011 — APRIL 2015

Worked on creating software for the radio and television industry

- Created live audio mixing software in JavaFX
- Created rule-based music planner
- Created media asset manager

REFERENCES

Christiaan Mourik, de Bijenkorf, Director multichannel

Chris Asteriou, de Bijenkorf, head of technology

Ron Bokhorst, de Bijenkorf, head of software development

More details provided on request

EDUCATION

Technical computing (B.S.), Amsterdam university of applied sciences, 2014