

I love to build awesome web applications. Enthusiast about UX, mobile development, books, running and ~~cooking~~ eating.  
I'm not attached to, but I often speak **C#** (advanced), **Java** (intermediate), **JavaScript** (intermediate)

Challenge me :)

## + EXPERIENCE

### ● TECH LEAD

OCT 2021 – NOW

### ● SENIOR SOFTWARE ENGINEER

JUN 2020 – SEP 2021

#### CarNext.com – AMSTERDAM, NL

.NET, Kafka, ElasticSearch, PostgreSQL, AWS, RDS, DynamoDB, SQS, S3, Lambda, Cognito, CloudFormation (IaC), Grafana, Prometheus, Gitlab, ArgoCD, Kubernetes.

**Responsibilities:** Help team define data-driven experiments and test their feasibility. Architect within my domain, create organization standards, lead the team, ensure quality in the entire development process (such as API design, testing, and monitoring), and coach developers.

Develop 15+ microservices for the orientation phase of the webshop, taking scalability/resilience and quality as key elements. Apply CQRS, and Domain Driven Design.

**Certification:** Design Kafka integrations

**Coached on:** Empowered Product Teams

**Highlight:** Avoid malicious use and limit costs using captcha and rate-limiting.

### ● SOFTWARE ENGINEER

NOV 2017 – MAY 2020

#### BEERWULF.com – AMSTERDAM, NL

.NET, ElasticSearch, Redis, Service Bus, SQL Server, Azure, Azure (Queue) Storage, Azure Functions, Docker, Visio, Stackify, New Relic, JMeter.

**Responsibilities:** Lead development team. Design/document architecture. Evolution of the different systems into microservices. Integration with webshop's third parties (Logistics, Banking) and Data Mesh. Increase Scalability and Resilience. Infrastructure and CDN management. Customize pipelines.

**Certification:** Design Microservices (by Sam Newman)

**Highlight:** Reduce add-to-cart time by 80% using distributed caching.

### ● SOFTWARE ENGINEER

JAN 2016 – DEC 2016

#### CONSULTING COMPANY – LISBON, PT

.NET, JavaScript, SQL Server, Docker, Vision-Box.

**Responsibilities:** Re-build legacy service that manages military pensions, in a newer version of .NET.

## + EDUCATION

### ● MASTER + BACHELOR OF SCIENCE

2011 – 2017

#### INSTITUTO SUPERIOR TÉCNICO – LISBON, PT

ERASMUS+ @ AALTO UNIVERSITY - ESPOO, FI

Information Systems and Computer Engineering

**Master:** Software Engineering and Enterprise Systems

**Publications:** [Conference paper](#) and [book chapter](#).

**Highlight:** Efficiently find super classes using MapReduce in master thesis.

## + SIDE PROJECTS

### ● SOFTWARE ENGINEER

2017 – NOW

#### AMOM ([Google Play](#))

React-Native, Typescript, Node.js, Redux, Socket.io.

Daily assistant for people with memory problems (such as Alzheimer and Dementia). AMOM creates a close relationship with our loved ones, to guide them throughout the day.

**Highlight:** Share tasks in real-time between devices using WebSockets.