

Challenge me :)

+ EXPERIENCE

TECH LEAD

OCT 2021 – NOW

SENIOR SOFTWARE ENGINEER

JUN 2020 – SEP 2021

CarNext.com – AMSTERDAM, NL

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

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. Researching, pair-programming, and documenting are my go-to tools.

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

Highlight: Resilient integration with security to avoid malicious traffic.

Certification: Design Kafka integrations

Coached on: Empowered Product Teams

SOFTWARE ARCHITECT

AUG 2018 – MAY 2020

BEERWULF.com – AMSTERDAM, NL

.NET, ElasticSearch, Entity Framework, Redis, Service Bus, Docker, SQL Server, Azure, Azure (Queue) Storage, Azure Functions, 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.

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

Certification: Design Microservices (with Sam Newman)

SOFTWARE ENGINEER

NOV 2017 – MAY 2020

CONSULTING COMPANY – LISBON, PT

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

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

SOFTWARE ENGINEER

JAN 2016 – DEC 2016

+ 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](#).

+ 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.