

MBILO HERVE

Cloud-Native Software Engineer

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EXPERIENCE

Full Stack Developer

C.P.A.S

01/2020 - Present Brussels 1030, BELGIUM

- Designed and developed modular and scalable microservice APIs using standards technologies and best practices like clean architecture, CQRS Pattern, RESTful, JSON Web Token, and Mediator.
- Set up CI/CD pipelines in Azure DevOps for project management.
- Wrote scripts with PowerShell for automating builds and deployments process in Azure DevOps.
- Implemented inter-microservice communication systems using the event-driven architecture with RabbitMQ,
- Migrate applications database from MS SQL Server to PostgreSQL using Apache Hop.
- Successfully developed and delivered a complex application (web App in Angular and web API in Asp.Net core) to a Department of 100 people to improve the business process by 20%.
- Wrote and maintained unit tests for each project (Angular and Asp.Net core) using the TDD approach.
- Participate in Scrum events and followed Agile methodology.
- Implemented KPI dashboard using SQL and Grafana to improve business operations by 10%.
- Containerized .NET Web API and Angular web app using Docker. Then deployed them automatically with Azure DevOps.
- Configured and used Talos Linux and Kubernetes for container management.
- Contributed to the development of an internal Document Management System using .NET Core, Angular, and MongoDB, enhancing document accessibility and storage efficiency.

Information Technology Help Desk Technician

C.P.A.S

08/2018 - 12/2020 Brussels 1030, BELGIUM

- Designed and developed a web payment service system to improve the management of financial aid using PHP, WSDL, XML, SOAP and Oracle

Report Developer

Psy-a-Stimulus

01/2012 - 01/2014 Paris 75008, FRANCE

- Implemented an easy sharing report system, dashboards and template
- Production and analysis of social reports for services
- Wrote end-user documentation for developed monitoring tools

Sapper

3rd Engineer Regiment

11/2006 - 10/2011 Charleville-Mézières, France

- Built bridges and fortifications, managed energy production, and ensured the availability of potable water in challenging environments.

EDUCATION

Master of Computer Science

IU International University of Applied Sciences

10/2023 - 2025 Berlin, Germany - Distance Learning

Bachelor of Computer Software Engineering

EPFC

09/2019 - 12/2021 Brussels, BELGIUM - Evening classes

SUMMARY

I'm Cloud-Native Software engineer with over five years of professional experience and a proven track record in designing and building resilient applications.

CERTIFICATION

English CEFR Level B2

Certified Kubernetes Application Developer(CKAD)

LANGUAGES

English

Advanced



French

Native



SKILLS

Agile Methodology

Angular

Apache

ASP.NET Core

Azure DevOps

Asp.Net Core

Clean Architecture

CQRS

Docker

Cloud-Native

Git

Github

Grafana

Kubernetes

Microservice

Mssql server

Oracle

Typescript

PostgreSQL

PowerShell

RabbitMQ

Restful

Scrum

JWT

Typescript

Python

PROJECTS

Zeka

07/2024 - Present Brussels, Belgium

An open-source software-as-a-service (SaaS) designed to support the daily tasks of social workers.

- <https://zeka.gitbook.io/zeka-documentation>
- <https://github.com/diliwo/zeka-web-api>
- <https://github.com/diliwo/zeka-web-app>