



# Kryštof Woldřich

Backend/SDK developer, opensource contributor  
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Nationality: Czech, Date of birth: 27 June, 1997

## Work Experience

CLI and SDK to remote manage TVs | Cross platform app building microservice

2019 – Present, [signageOS](#), Prague, Czechia

I developed many outstanding features into opensource CLI and SDK projects for signage players management. The building microservice that I designed, delivers daily production ready apps to customers all over the globe.

Unique multiplatform museum guide application.

2019, [INTK](#), Utrecht, Netherlands

Consulting with my professors at CTU and founder of INTK I've developed prototype of museum guide in Flutter. The project is a working prototype of a mobile app and server backend available as opensource.

Education app enabling foreigners to join work opportunities.

2018, [Humex](#), Helsinki, Finland

As a part of interdisciplinary research project aiming to improve digital and face-to-face interaction, me, and my team, we created language learning application, which helps to learn new words people working at construction sites abroad.

## Education

2020 – present, Master's degree, Human computer interaction and Software engineering  
Czech Technical University in Prague, Faculty of Electrical Engineering

2016 – 2020, Bachelor's degree, Software engineering and technology  
Czech Technical University in Prague, Faculty of Electrical Engineering

2018, Exchange studies, Software engineering  
Metropolia University of Applied Sciences in Helsinki

2012 – 2016, Electrical engineering with specialization in ICT  
Secondary Technical and Higher Technical School in Písek

## Skills

Programming in high level languages Typescript, Javascript, Python, Powershell, C# and Java.

Designing structures for noSQL and SQL databases, mongoDB, Postgre, Redis.

Developing using Git, designing CD/CI pipelines, Docker.

Well-structured communication, leading development, resolving issues, used to agile development, sprints planning and stand-ups.

Contributing to opensource, example [pMemoize library](#) I rewrite, used by thousands of projects and [Windows Docker official images](#) reborn.

**Language skills** Czech (native), English (C1)