
ING. JAN SMITKA

+420 608112317

John.smitka@gmail.com

[LinkedIn](#)

Profile

I am 32-year-old software developer based in Prague. Since a young age, I have been curious about computers and mathematics and decided to follow this path. In later years on university, I also discovered a passion for law and decided to also dedicate my time to it. After few years of studying both, I had to make a decision. I chose programming and have never regretted that decision.

Work experience

React Native dev, Tivio Studio a.s. — 1.10.2025 - 31.6.2026

Tivio studio is a company developing streaming platform as a service. As a part of middle-sized team, my responsibilities were developing, maintaining and debugging streaming platform for both TV's and web. I have acquired many skills such as:

- Samsung debug process / Samsung environment development
- Video streaming and encoding
- Version control across multiple projects in mon-repo

Senior Flutter dev, HomeCredit International — 1.1.2023 - 31.3.2025 - Prague/Remote

I was part of a big team that developed mobile app for HomeCredit in Asia markets, such as India, Indonesia, Philippines and Vietnam. Throughout my time on the project, I worked with the leading experts in Banking apps and the Flutter framework and thus was able to grow myself. We worked in SCRUM methodology using Flutter for development of the mobile app, and .net core for backend. Technologies I used on a daily basis included:

- BLoC state management
- Dio library, REST API
- Firebase solutions
- Multitude of packages, such as Freezed, get_it etc.

Flutter dev, Generali a.s. — 1.9.2021 - 31.12.2022

In Generali, I was part of a small team, that developed the internal applications for both employees and customers. I worked on apps names Genius and eObchodnik and was solely responsible for implementation and maintenance of features such as parking slots reservations, working desk reservation and product management for customers. This app was developed with MVVM architecture with backend done in .net.

PHP/Fullstack dev, Etyka Digital s.r.o. — 1.9.2020 - 1.3.2021

As part of a small team of developers, we implemented small to medium sized web apps for customers. I worked mainly in PHP using Nette framework using MVC architecture, but also helped with work on projects written in React.

Legal intern, Avast — 1.9.2019 - 1.1.2020

As part of the university education, I was working in Avast company in legal department, to gain practical experience in intellectual property law and trademarks.

Legal intern, Polák Law office — 1.11.2018 - 1.1.2020

I worked on civil cases in housing market, mainly focusing on drafting property-buying contracts for customers and provided legal assistance with property ownership issues.

Junior software dev, DHL IT Services — 1.9.2016 - 1.9.2018

As part of a mid-sized team, I created plugins for information system called ServiceNow. As part of my work, I often used JavaScript to automate functions and streamline processes within the system.

Personal Projects

Fantarise - personal project

My latest project that I have been working on for the past several months. Fantarise is a story-driven RPG mobile game written in flutter with custom game engine to resolve turn-based combat. Player collects creatures, travels a map and completes quests.

ReFridge - personal project - deprecated ([Github](#))

This app focuses on fridge management, but since apps like these already exist, I am trying to bring some new ideas in this concept. Firstly, the main issue with apps like this, is the requirement of the user to manually update the content of the fridge within the app. I am trying to improve this user experience with prompt-based AI that would automatically recognize groceries that user bought via a quick photo and automatically sort them and add them to the fridge. The app should also support the creation of shared fridges, shopping lists and export of these lists into external delivery apps, such as Kosik etc.

Ahoy - personal project - deprecated ([Github](#))

The idea behind the app was to create a localized social app, where people could connect and meet within a certain distance (for example in a pub), the idea was for it to work like Tinder, but after careful exploration of the core functionalities, I came to the conclusion, that such an app would create too many safety risks, especially for women. Based on these conclusions, I have decided to drop the project mid-development.

Kam Večer - launched ([App Store](#), [Play Store](#))

This app was developed on request for a client and its primary focus is to give its users a list of things and places they can visit in the area. The app offers a list of cultural events and places and gives a user the ability to quickly sort these lists based on the user's preferences. It also supports ticket reservations, comments and many more features.

Education

University of Economics, Prague — Ing. 3.10.2022 (Master's in Engineering)

Specialization: Artificial Intelligence/System architecture

University of Economics, Prague - Bc. 10.1.2019 (Bachelor's in Engineering)

Specialization: General information systems

Charles University, Faculty of Law - 1.9.2017 - 1.6.2021. - Incomplete
FCE English certificate, Cambridge English - 2013

Skills

My key skills include: Flutter/Dart, React/JS, Python, Firebase solutions (non-relational databases), SQL, Git, REST API, Jira, UI/UX design in both Figma and Adobe XD, System architecture

Languages

English - B2 Cambridge certificate

Czech - Native

German - Beginner level
