

# Filip Czaplicki

## Resumé

Warsaw, Poland

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🌐 [github.com/starsep](https://github.com/starsep)

## WORK EXPERIENCE

**2020–present Senior Mobile Developer, Radgost/InvoiceOcean, Warsaw, Poland.**

### FAKTUROWNIA/INVOICEOCEAN

app Android Native Fakturownia/InvoiceOcean

description New native mobile app for e-invoicing

technologies Kotlin, Android SDK, Koin, Jetpack, Ktor, SQLDelight

app Fakturownia/InvoiceOcean

description Mobile app for e-invoicing

technologies React Native, iOS, Android

links Google Play, AppStore

**2017–2020 Software Engineer, QED, Warsaw, Poland.**

### SCANFORM

app ScanForm Web

description Web app for realignment and OCR of scanned forms

technologies Django, Python, Numpy, Pillow, OpenCV, PyTorch

link <https://qed.ai/scanform/>

app ScanForm Mobile

description Android App for taking pictures and uploading them to webserver

technologies Kotlin, Android SDK, OpenCV

link Google Play

## AUTODRONE/HIVE

app	AutoDrone
description	Android app for automatic drone flights with DJI Phantom
technologies	Android, Java, DJI SDK
links	<a href="#">Google Play</a> , <a href="https://qed.ai/drones/">https://qed.ai/drones/</a>
app	Hive
description	Web app for displaying drone orthomosaics on map Orthomosaics are stiched from images taken with AutoDrone
technologies	Django, Python, OpenDroneMap
2016–2017	<b>Software Engineer, <i>Working on Thesis</i>, <a href="#">CodiLime</a>, Warsaw, Poland.</b>
summer 2016	<b>Software Engineer, <i>Internship</i>, <a href="#">Intel</a>, Gdańsk, Poland.</b>
description	Frontend for internal software testing tool
technologies	Angular, Flask, Python, Microsoft SQL Server

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## EDUCATION

2018–2019	<b>Computer Science, University of Warsaw, <i>Master's degree</i>.</b>
thesis	<i><a href="#">Cloud Browser</a></i>
description	File manager supporting multiple cloud storage providers with built-in video and music player
technologies	Android SDK, Kotlin, C++
2014–2018	<b>Computer Science, University of Warsaw, <i>Bachelor's degree</i>.</b>
thesis	<i>Scalable Graph Algorithms</i>
description	Scalable versions of graph algorithms implementation and performance comparison with single-core equivalents
technologies	C++, <a href="#">Thrust</a> , CUDA, googletest

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## SKILLS

languages	Polish, English
web	HTML, CSS, JavaScript, React
programming	Python, Kotlin, Java, C, C++, Haskell
frameworks	Django, Android SDK
databases	PostgreSQL, SQLite, MySQL
DevOps	Linux, Bash, Zsh, Ansible
build systems	GNU make, Gradle
other	L <sup>A</sup> T <sub>E</sub> X, git

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## PERSONAL/UNIVERSITY PROJECTS

name Sokoban

description Logic game made for an assignment at Android University Course. Implemented in 2016 in Java, later refactored in Kotlin

links [Google Play](#), [GitHub](#), [Wikipedia](#)

name 2048

description Simple 2048 clone implemented to test [Unity](#) framework

links [Google Play](#), [GitHub](#)

name Latte compiler

description Compiler in Haskell for Java-like language Latte to x86-64 NASM assembly

links [GitHub](#)

name Mustache In The Middle

description HTTP Proxy which adds mustaches to photos. Implemented during [HackYeah](#) hackathon

links [GitHub](#), [Man-in-the-middle attack Wikipedia article](#)