

Filip Czaplicki

Resumé

Warsaw, Poland

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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 [Google Play](#), <https://qed.ai/drones/>
- 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 Software Engineer, *Working on Thesis, CodiLime, Warsaw, Poland.*
- summer 2016 Software Engineer, *Internship, Intel, Gdańsk, Poland.***
description Frontend for internal software testing tool
technologies Angular, Flask, Python, Microsoft SQL Server

EDUCATION

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

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 \LaTeX , git

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](#)