

Filip Czaplicki

FULL STACK WEB DEVELOPER · ANDROID DEVELOPER

Warsaw, Poland

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Experience

Senior FullStack Developer

Warsaw, Poland

SPARKBIT

2022 - 2025

ASKME

AI chat application leveraging Retrieval-Augmented Generation (RAG) for knowledge-based interactions.

Tech: Kotlin, Spring, Python, Azure, OpenAI, PostgreSQL, TypeScript, React, Terraform

ITALIST

E-commerce specializing in luxury fashion.

Tech: Golang, TypeScript, React, Python, MySQL, PostgreSQL, Elasticsearch, Redis, gRPC, GraphQL, AWS, Microservices

Senior Mobile Developer

Warsaw, Poland

RADGOST: FAKTUROWNIA/INVOICEOCEAN

2020 - 2022

Mobile app for e-invoicing.

Tech: Kotlin, Android SDK, Koin, Jetpack, Ktor, SQLDelight, React Native, TailwindCSS

Software Engineer

Warsaw, Poland

QED

2017 - 2020

SCANFORM

Application for realignment and OCR of scanned forms.

Web app: Django, Python, Numpy, Pillow, OpenCV, PyTorch, AWS

Mobile app: Kotlin, Android SDK, OpenCV

AUTODRONE

Mobile app for automatic drone flights with DJI Phantom

Tech: Android SDK, Java, DJI SDK

HIVE

Web app for displaying drone imagery on map. Orthomosaics are stitched from images taken with AutoDrone.

Tech: Django, Python, OpenDroneMap, Vue

MAPS

Web map displaying geospatial intelligence for agriculture and health.

Tech: Django, Python, React, JavaScript, Leaflet

Summer Software Engineer Intern

Gdańsk, Poland

INTEL

2016

Frontend for internal software testing tool.

Tech: Angular, Flask, Python, Microsoft SQL Server

Education

University of Warsaw

MS in Computer Science

THESIS: CLOUD BROWSER

2018 - 2019

File manager supporting multiple cloud storage providers with built-in video and music player.

Tech: Android SDK, Kotlin, C++

University of Warsaw

BS in Computer Science

THESIS: SCALABLE GRAPH ALGORITHMS

2014 - 2018

Scalable versions of graph algorithms implementation and performance comparison with single-core equivalents.

Tech: C++, Thrust, CUDA, googletest. Prototype in Scala + Apache Spark

Projects

OpenAEDMap

 [openstreetmap-polska/openaedmap-frontend](#)

SOFTWARE DEVELOPER/FRONTEND MAINTAINER

2022 - present

Worldwide map of AEDs (automated external defibrillators) using OpenStreetMap data. Created by OpenStreetMap Poland Association

Tech: React, TypeScript, MapLibre GL, Python

Skills

Web	HTML, CSS, JavaScript, TypeScript, React
Main Languages	Python, Kotlin, Java
Extra Languages	Go, Haskell, Prolog, OCaml, PHP, C, C++
Frameworks	Django, Android SDK, React Native, Expo
Spoken Languages	English, Polish
DevOps	Linux, Terraform, Bash, Zsh, Ansible, GitHub Actions, Kubernetes, Docker, Nix, CI/CD
Databases	PostgreSQL, MySQL, SQLite
Other	git, jq, make, gradle, Markdown, Typst

Interests

- Open Source, Linux, Nix, self-hosting, cybersecurity
- Geoinformatics, OpenStreetMap, open data
 - Member of OpenStreetMap Poland Association and OpenStreetMap Foundation
- Public transportation, urban planning
 - Member of City is Ours (Miasto Jest Nasze) association, coordinator of Wola district & coleader of the IT team
- Hobbies: board games, fantasy books, escape rooms
- Sports: cycling, water sports, and climbing

Volunteering

- Assisted in sharing local and national government open data for OpenStreetMap Poland
- Helped organize weekend activities at City is Ours' headquarters for Ukrainian children during 2022/2023