Filip **Czaplicki**

Full Stack Web Developer · Android Developer
Warsaw, Poland
January 10, 1995 cv@starsep.com https://starsep.com starsep

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, PostgresSQL, 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 stiched 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 OpenStreeMap Poland
- Helped organize weekend activities at City is Ours' headquarters for Ukrainian children during 2022/2023