

Jędrzej Łukasiuk

Software Engineer

With 7 years of experience in the IT industry, I have primarily focused on the frontend side, specializing in React and Typescript. Over the last few years, I have gained extensive expertise in location-based and GIS solutions.



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Szczecin, Poland

github.com/jedluk

WORK EXPERIENCE

Fullstack Developer / Lead Frontend Dev

MobilePhysics

01/2022 - Present

Environmental data warehouse

Achievements/Tasks

- developing map-based web apps: React / Typescript / maplibre / react-map-gl / deck-gl / apache-echarts / recharts (+ full selection of FE stack),
- researching technology & tools for daily-based usage (e.g. tippecanoe, mbtiles server, Clickhouse)
- server side programming: Python / Starlette / Clickhouse,
- occasionally coding with Java (Android app),

Consultant, Engineering

Globallogic Poland (formerly Meelogic)

02/2020 - 01/2022

Project: Last mile delivery dashboard (e2e tour planning)

Achievements/Tasks

- developing SPA with React/Typescript/HERE maps,
- server side programming with NodeJS / Koa (API gateway),
- introducing UI tests into quality gateway - Cypress,

Javascript Developer

Teonite

07/2018 - 11/2019

Project: CDE platform (construction intelligence)

Achievements/Tasks

- developing SPA with React / Redux / Redux-Saga,
- server side programming with Python / AIOHTTP,
- writing e2e tests with pytest and Selenium,

Junior Software Engineer

Avid Technology

04/2017 - 05/2018

Pro Tools team

Achievements/Tasks

- developing desktop app (C++) for Mac and Windows platform,
- web app for internal purposes: React / NodeJS (with Socket.IO / MongoDB),

SKILLS & COMPETENCES

JavaScript / Typescript

React / Redux

NodeJS

Python

Git/Gitlab/Github

Docker

web maps / GIS

NOTABLE PROJECTS

Hexifier (TS / react-map-gl / maplibre)

- Web app for easy geoJSON => H3 conversion and more.

Prodigy (Electron / React / Node)

- Fully functional mp3 player built as desktop app (available on MacOS/Windows/Linux). HATEAOS driven API + UI based on React, glued by Electron.

React-perfect-zoom / use-exportable-csv

- Collection of npm modules created as my contribution to open source community

EDUCATION

MSc, Information and Communication Technologies

West Pomeranian University of Technology Szczecin, Department of Electrical Engineering

02/2016 - 01/2018

Szczecin, Poland

Master Thesis:

- Vision system to recognize and identify fuel prices

BSc, Control Engineering And Robotics

West Pomeranian University of Technology Szczecin, Department of Electrical Engineering

10/2012 - 02/2016

Szczecin, Poland

Bachelor Thesis:

- Application of two-dimensional Gabor filters for vision based pattern recognition and classification