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# CV / Wojciech Olejnik - Senior Software Engineer

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I'm a full-stack software engineer with 7 years of professional experience in building Web and Mobile applications as well as REST APIs and other backend services. I specialize in React on the front-end side and Ruby on Rails/Node.js on the back-end, but can work effectively in almost any technology stack. During my career in consulting I've worked with international teams on projects from a variety of industries including education, automotive, fintech, music streaming, e-commerce, tourism and agriculture. I enjoy working on innovative and meaningful projects and value software that's performant and has great user experience.

## SKILLS

TypeScript/JavaScript | CSS/Sass | Node.js | Ruby | Rust | Python | C/C++ | SQL | HTML5 & browser APIs | React | React Native | Redux/Pullstate | Electron | RWD | Figma | Ruby on Rails | Express.js | CI/CD | Git | MongoDB | PostgreSQL | Redis | Linux | Agile | TDD | Bots/Automation | Docker | Kubernetes | Amazon AWS | Unity |

## PROFESSIONAL EXPERIENCE

### BCF Software Sp. z o.o. – Senior C++ Developer

JUNE 2022 – AUGUST 2022

- Outsourced to Nokia to help develop their distributed software for 5G Mobile Networks, using **C++**, **ZeroMQ**, **ASN.1**, **Protobuf** and **TTCN-3** among other things.

### STF Sulama Sistemleri – Freelance Software Developer

APRIL 2021 – JULY 2022

- The project involved a mobile companion app for the company's hardware products – IoT devices for the Turkish agriculture industry.
- I developed the iOS and Android applications in **React Native** (using **TypeScript**) with the help of libraries such as **React Query**, **Redux** and **Reanimated**.
- I also designed and built a JSON REST API for the mobile app using **Ruby on Rails**, **Grape**, **Sidekiq**, **PostgreSQL** and **Redis**.

### Netguru S.A – Senior Full-stack Web Developer

MAY 2018 – APRIL 2021

- Built an innovative chat-like booking system for service appointments at car dealerships, deployed as an embeddable widget, web application and a mobile application running in a kiosk device. Implemented as SPAs in **React** & **Redux** with a **WebSocket**-based back-end.
- Spent a year working as an R&D Tech Lead, coordinating the work of dozens of rotating developers, maintaining the company's Software Radar, leading the development of internal projects and experimenting with emerging technologies

such as **WASM**, **Serverless**, **WebSockets** and **Blockchain**. During this time I've had a chance to work with a variety of languages and tools including **Node.js**, **Rust**, **C++**, **Python**, **Vue.js**, **GraphQL**, **ASP.NET**, **React Native**, **AWS Lambda** and **Google Cloud Functions**.

- Took a crucial part in the design process and then implemented a promotional coupons marketplace for an enterprise benefits provider (Sodexo). Stack included **React**, **React Admin**, **Next.js**, **Ruby on Rails**, **PostgreSQL** and **Redis**.
- Helped build a part of the mobile app of Poland's largest convenience store chain (Żabka).

## Netguru S.A – Full-stack Web Developer

OCTOBER 2015 – MAY 2018

- Developed a sales support system for car dealerships including features like SMS messaging and calls (using **Twilio**). Built with **React** embedded in a **Ruby on Rails** application for server-side rendering.
- Worked on an established hotel management system, where my task was to ensure the responsiveness of the user-facing UI.
- Built an investment platform for a FinTech startup with a **JSON API** aggregating large amounts of data from a 3rd party provider and a front-end UI developed in **Ember.js**.
- Worked on a non-profit IT education platform for young students built with **Ruby on Rails**, **Alchemy CMS** and **jQuery**.
- Maintained a legacy codebase of a music streaming platform built with **Sinatra**, **MongoDB**, **Resque**, **Elasticsearch** and **Backbone.js**. Also built a standalone music player for this website in the form of a browser extension, using **React** and **Redux**.

## EDUCATION

### Adam Mickiewicz University, Poznań

OCTOBER 2013 – FEBRUARY 2017

Engineer's Degree in Computer Science

- Specialization: Mobile Technologies

## SPOKEN LANGUAGES

- Polish – native
- English – advanced (CEFR-level C1)

## ACHIEVEMENTS

- Won 1st place at Microsoft Imagine Cup's Eastern European finals in the "Innovation" category with my project "MIDI Studio VR" (2017)

## PERSONAL INTERESTS

Low-level programming, Electrical engineering, Space exploration, Game development, Motorcycles, 3D printing