# Piotr Żmuda

Frontend Developer

## CONTACT

p.zmuda1307@gmail.com
Email

+48 793 453 088
Phone number

Będzin, Poland
Location

## SKILLS

- JavaScript
- Typescript
- Angular 2+
- React
- Redux, Ngrx
- Sass, styled components

## WORK EXPERIENCE

**2016 - 2021** | **Senior Frontend developer**                                  **Euvic**

Developing user interface of multiple applications. Choosing technology stack and creating applications architecture. Managing frontend team responsibilities.

**2021** | **Senior Frontend developer**                         **The Software House**

Working on UI of applications for external clients as a member of outsourced agile team. Managing team frontend responsibilities.

## RECENT PROJECTS

### WFO
Technologies: Typescript, React, Ant Design, React Context, Redux toolkit, Lodash, React Query, Tailwind, Styled Components, React Virtualized

Application used for creating and managing staff schedules. Application consists of many customizable modules – layout, filtering criteria can be adjusted by drag and drop functionalities. One of key features created for app was table inspired by Excel with functionalities like copying, pasting or dragging cells and inline editing.

### SEP
Technologies: Typescript, Angular 10, Ivy Renderer, Ng-Zorro, Sass, RxJs, Ngrx, Ngrx Data, Full Calendar, ngx translate

Application to manage and track readings from counters installed in photovoltaic installation. Application was created as a part of monorepo and all key reusable functionalities were created as libraries to create modules that can be imported also in next applications. Reusable parts contained – translations module, authorization module, generic table store and helpers for managing state application inspired by Redux toolkit solution with creating store slices that reduces a lot of boilerplate.

### HWM
Technologies: Typescript, React, Material UI, Redux, Redux toolkit, Ramda, Identity Server, Signal R, Google maps, Rollup

Several applications used to manage devices and theirs readings to track water level in sewer drains and alert if water level was higher than expected. All statuses were visualized on interactive map and user was able to update status of each notification. All data was updated real time with usage of Signal R to avoid multiple workers working on the same alert. Additionally project also included creating and maintaining private npm package with shared components and utils to create next applications quicker.

## Polenergia

Technologies: Typescript, React, Material UI, Redux, Redux toolkit, Gatsby, Ramda, Identity Server, Bluemedia

Set of two applications, one simple static site to promote offer for new clients created with Gatsby and second one -portal for current customers created as SPA with possibility to pay invoices, track power consumption or manage personal information and agreements.

## March Networks

Technologies: Typescript, React, Ant design, Node, Nest.js, Less, Mobx, Keycloak, Docker,

System used for managing waist aspects of video surveillance – working on application for creating users and managing their permissions in whole system, module for handling alarms raised by set before trigger rules, application to upload videos to aws S3 to share with police investigators key video evidences and give them possibility to download video trough the same app as user with different set of permissions.

## 5 Diamonds Inventory Tool

Technologies: Typescript, Angular 8, Ivy Renderer, Angular Material, Angular CLI, Sass, RxJs, Ngrx, Ngrx Data, SSO (Gluu)

Application used to certification of correctness of data imported from lodgings suppliers. It includes simple search page to find selected hotel, hotel details page and simple booking mechanism.

## Monaker NextTripVacations.com

Technologies: JavaScript, Typescript, Angular 8, Angular CLI, Sass, Jade, RxJs, Angular Universal, Ngrx, PWA

Application provides basic abilities to search and book hotels available in Monaker searching engine. To provide better SEO Angular Universal was used and to improve UX on mobiles also PWA capabilities were added. Responsibilities beyond developing features covered also designing parts of the application layout and analyze of requirements. Application is available online.

## CareCenter Portals

Technologies: Typescript, Angular 8, Angular Material, Angular CLI, Angular Nrwl, Sass, Jade, Webpack, RxJs, Ngx-Translate, Ngrx, SSO (Identity Server)

Set of applications to help patients with dementia. Applications provide various functionalities, but share common base – authentication, translations, common components and reusable stores. Created as monorepo using Angular Nrwl to provide the most convenient way to use shared functionalities wrapped as libraries. UI of applications is very simillar and based on Angular Material but theme color is different so simple theme color setup using SASS mixin was added.

## EDUCATION

**2018** | **Information Engineering Master**
Silesian University of Technology

**2015** | **Automatics, Electronics and Robotics Engineer**
Silesian University of Technology

## LANGUAGES

**C1\*** | **English**
*self-assesment

I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process