

Piotr Żmuda

Frontend developer



CONTACT

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Będzin, Poland
Location

SKILLS

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

WORK EXPERIENCE

2016 | Frontend developer

Euvic

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

2020 | Frontend developed

Smart Industrial Solutions

Creating frontend part of application from scratch as a contractor.

PROJECTS

SEP

Technologies: Typescript, Angular 10, Ivy Renderer, Ng-Zorro, Angular CLI, 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 their 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 through 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, NgRx-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 similar and based on Angular Material but theme color is different so simple theme color setup using SASS mixin was added.

SnapShot - Navbar

Technologies: Typescript, Sass, Jade, Webpack

Library created to standardize navbar used across all apps created in different JavaScript frameworks. Written in pure Typescript and compiled to JavaScript to provide the best performance and the lowest possible size of bundle. After including script and initialization with initial config navbar was injected into application and was highly customizable – it allowed to change colors, manual handle actions triggered by user interaction and also supported mobile version.

EDUCATION

2018 | Information Engineering Master

Silesian University of Technology

2015 | Automatics, Electronics and Robotics Engineer

Silesian University of Technology

LANGUAGES

C1* | English

*self-assessment

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