Mykhailo Semeniuk
Frontend Engineer

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Location: Lviv, Ukraine

Competence

Technologies:	ReactJs, Redux, AngularJS, Node.JS.
Languages:	JavaScript ES6, HTML5/CSS3, C#, SQL.
RDBMS:	MongoDB, MS SQL Server, SQLite.
Tools:	Web Storm, Jira, Git.

Development experience

September 2020 - present

Intent Solution Group

Project**:** **Medical System** (Philadelphia USA)

Tools and Technologies: ReactJS, Redux, ES6, enzyme,scss
- Lead the UI part of new functionality for new user roles
- Develop new features for new user roles
- Implementing pixel perfect views based on design

Dec 2016 – present

Edvantis GmbH

Project: **Medical System** (Berlin, Germany)
A web-service for managing patients, treatments, medications in medical institutions.

Tools and Technologies: ReactJs, Knockout framework, node.JS, MongoDB, ES6, mocha
- Created a warehouse module for managing medications
- Integrated the warehouse module to the existing functionality and data pipeline to make it worked together.
- Added exporting medical data from the third-party tool to the internal data pipeline.
- Extended and changed current features behavior depending on the country mode.

Project: **Cloud Price Optimization Application** | Texas, USA
The cloud budgeting and forecasting tool that helps businesses make cloud choices.

Tools and Technologies: HTML5, Javascript/ES6/AngularJS, D3, Less, Webpack 4, npm, Redux, Python, Microservices, Kubernates
- Split up an existing web application into independent packages which can be used as building blocks for making versions of web application
- Designed and chosen an approach on how to implement widgets for displaying data payment information and statistic. Implemented and delivered widgets to production.

Project: **Requirement/Test Management Solution** | Stockholm, Sweden
A SAAS platform for Requirements, Test Case and Defect management.

Tools and Technologies: HTML5, Javascript/Angular JS, CSS3, LESS, MS SQL, WebStorm, VS.Net, Grunt
- Improved ticket management by adding additional visual marks and added a short way to copy tickets between boards
- Supported existing functionality, fixed bugs.

Sep 2017 – Nov 2018

LingArt - future books | Lviv, Ukraine

Progressive web application for listening audiobooks

Tools and Technologies: ReactJS, Redux, Django

- Added service worker and caching data in the IndexedDb to make app work offline.
- Implemented synchronization between audio and texts, background music.
- Added UI improvements: different UI themes, localization, optimized for mobile

Oct 2017 – Mar 2018	**Sculpture depo** | Lviv, Ukraine
	The marketplace for sculptures.
Tools and Technologies:	ReactJS, Redux, GraphQl, Django

- Co-founder.
- Designed and created frontend architecture.
- Made market research.
- Mentor trainee frontend engineer.

Volunteer experience

Sep 2019 – Nov 2019	**ONOVA** - Ukrainian marketplace for designers | Lviv Ukraine
	Helped to develop and test mobile and web applications
Aug 2019	**I See I Can I Will** - International cycle marathon | Lviv Ukraine
	Took part in the charity cycle marathon for blind people on the tandem bikes

Mentorship

Sep 2018 – May 2018	Mentored trainee front-end engineer, during 10-month, by involving in the pet and production projects. As a result, the trainee successfully received the junior front-end engineer offer.
Oct 2017 – Mar 2018	Mentored the trainee engineer in the scope of the Sculpture depo project. The trainee was involved in each development process: requirements analytics, implementation, code review.

Education

Sep 2015 – Dec 2016	**M.Sc. degree in Computer Science**
	Lviv Polytechnic National University, Lviv, Ukraine
Qualification Work:	Information help system for the Android platform
	Abstract: An information reference system is designed and developed to help students and graduates of the Lviv Polytechnic National University. The application is developed with Apache Cordova frame that allows you to create usages for mobile platforms. Mobile Angular UI is also used for creating user interfaces and the library SQLite for data storage.
Sep 2010 – Jun 2015	**B.Sc. degree in Computer Science**
	Lviv Polytechnic National University, Lviv, Ukraine
Qualification Work:	Emulator of graphics and text displays for the study of microcontrollers.\
	Abstract: In the thesis, the emulator of graphics and text displays is designed and developed for the study of microcontrollers. The emulator consists of admin and educational parts. This division allows simplifying data management and permits the educational part user to concentrate completely on the part of the working process with the emulator.

Languages

English, Ukrainian

Interests

Programming, detective, traveling, bike, bike competitions, hiking, reading, metalworking.