Dmitriy Tymoshchenko

Fullstack developer

⦿ Warsaw - Poland

📞 380671538777 UA / 48502151534 PL

✉ dtforweb@gmail.com

in linkedin.com/in/dtymoshchenko/

Work experience

Capgemini Engineering   09.2020 - Till now
Senior Fullstack developer

Worked on projects:

1) **Travel Domain -** Development and optimization of a travel agency platform focusing on performance and user experience enhancements. Responsibilities included A/B testing, writing unit and e2e tests with Cypress, and optimizing Core Web Vitals to ensure top-tier performance. Developed a custom caching service for data retrieval, wrote extensive documentation for application modules, and collaborated with cross-functional teams to improve site reliability and functionality.

Company: Travelshift, project Guidetoeurope.com

Technologies: React, Next.js, Node.js, Cypress, Typescript, Webpack, GraphQL, GCP

2) **E-commerce Data Parsing -** Developed and maintained a service to parse and process merchant emails, providing structured data for integration into internal systems. Collaborated with engineering teams to create and optimize email templates for consistent data handling. Focused on building a robust frontend with React, employing react-hook-form for efficient form management, and ensuring quality through Cypress and Vitest testing frameworks. Utilized GCP Cloud for scalable deployment and Prisma ORM with PostgreSQL for streamlined database interactions.

Company: NielsenIQ

Technologies: React, react-hook-form, MUI, Cypress, Vitest, GCP Cloud, PostgreSQL, Prisma ORM

3) Project managing - application refers to the process of planning, designing, scheduling, testing, deploying, and controlling software releases. Application development with integration into Jira, development of both frontend and backend parts of applications depending on the client's wishes, writing RestAPI, fixing bugs, developing microservices

Company: **RM**

Technologies: **React, Redux, Redux-saga, Typescript, Sass, Webpack, storybook, Jest, Docker, Node.js, MongoDB.**

4) Fintech domain - Development of applications to support businesses in the field of fintech, development of microservices and links between them, support for client solutions and ideas, API development, writing tests for both unit and e2e, bug fixes and code reviews.

Company: **NayaOne Limited**

Technologies: **React, Redux, Vue, Next.js, Blitz.js, Typescript, Sass, Vite, storybook, Jest, Docker, Cypress, React-hook-form, Node.js, Prisma, PostgreSQL, Kubernetes.**

5) **Fintech domain** - we fully guide the client from registration to obtaining a loan in our application. We use Alloy, MX, and Peach as auxiliary services. The project was designed and developed from scratch as a startup and grew into a technology company thanks to the efforts of our team. We have two-week sprints like all teams. My role is to develop parts of the application both on the frontend and on the backend, build migrations in the database, fix bugs if there are any, write unit and integration tests on the backend, and write cypress tests on the frontend. Also logging of backend services and their debagging, we also use Kubernetes to view logs. Also, develop and support react-native applications for App Store and Google Play users.

Company: **Paintbrush**

Technologies: **React, Redux, Redux-saga, Next.js, React-native, Typescript Sass, Webpack, storybook, MaterialUI, Jest, Docker, Cypress, React-final-form, Node.js, Express, Sequelize, PostgreSQL, Bull-mq, Grafana, Kubernetes.**

6) **Hi-tech domain** - developing an application that is engaged in setting up a smart home/office, entering data from all client devices, analyzing them, setting up full automation inside the application using node-red. Work together with customers and partners to create an ecosystem that both intuitively responds to the needs of people and helps customers achieve their business goals.

Company: **Siemens**

Technologies: **Vue.js, Typescript, Sass, Webpack, Node.js, Nest.js, MongoDB, Mongoose, Jest, Docker, Cypress, AWS, Lambda**

7) **CyberSecurity domain** - complete end-to-end solution for reporting and visualisation of firewall logs in form of various types of reports (User Activity / Application Usage) and Best Practices Assessments for customer's configured policies. Debugging high priority customer issues related to visualization and reporting service. Implemented internationalization using react-intl. Work on integration with various services, creating a layout to control dependencies within the project and

extending the layout for modification by other developers, creating architectural solutions for UI framework. Designed and launched PDF service for visualisation reports. Integrated D3.js chart from scratch for visualisation of customer's threats. Supporting and refactoring legacy code. We also developed special microservices from scratch for interoperability between processes within other services of the company on Node.js as separate sub-projects. Acted as team lead when he went on vacation. I delegated tasks, communicated with the client and managers, decomposed tasks

Company: **PaloAltoNetworks**

Technologies: **React, Redux, Redux-saga, redux-observable, Typescript, Express, Sass, PostCSS, Webpack, D3.js, Highcharts, storybook, MaterialUI, tailwind.css, AG-grid, Jest, Docker, Node.js, GraphQL, BigQuery.**

8) **Financial domain** - was responsible for customer-facing web applications and design system, from first interaction to loan servicing. Worked on scalable, reusable architectures that power client's business and presence on the web. Developed concierge service from scratch for customer support, design of architectural solutions and their implementation.

Company: **Affirm**

Technologies: **React, MobX, Next.js, Typescript, GraphQL, Sass, Webpack, storybook, Jest**

9) **Streaming services domain** - Building a project architecture from scratch for streaming service, its development on frontend and backend, writing tests to stabilize code base, solving bottleneck problems with development of own algorithms. Support and development of new features. Development of microservices around the project.

Company: **Israel.TV**

Technologies: **React, MobX, Next.js, Typescript, Node.js, pm2, bull-mq, Jest,**

Develup   11.2016 - 09.2020
Front-end developer

Developing high load and performance applications for well-known companies using Vue and Vuex store. Developed web interface of the administrative panel, advertising sites, animations for these sites. Creation of a site for WayRay for the CES exhibition. Creating and implementation the project architecture, developing the UI of the entire project for further use and developing the most independent components from each other. Worked on the development of 2 applications on React-native with successful launch for our clients and their support, compiling releases, fixing bugs. Presented client with the idea of developing their own application to supplement their website to raise business goals.

Let me describe some of them:

1) **Automobile industry** - Led a team of 4 people in developing from scratch a react app for an automotive manufacturer. Delivered MVP to client with successful approval. Application development for both AppStore and Google Play Market. Working with charts, initialization of personal account, user authentication and authorization, distribution of promo packs, fixing bugs and writing tests, launching the application in production.

Company: **Hyundai**

Technologies: **React-native, Expo, Redux, Node.js, Express, Sequelize, PostgreSQL, Kubernetes, Jest, Docker, Bull-mq, Grafana**

2) **Hi-tech** - Development of a full-fledged web-interface for participation of this product in a technology exhibition, development of animations using TweenMax, processing of big data from the backend and their filtering, work with responsive layout, writing unit tests.

Company: **WayRay**

Technologies: **Vue, Vuex, SCSS, Typescript, Scrollmagic, TweenMax, Lodash**

3) **Web3** - Status is a secure messaging app, crypto wallet, and Web3 browser built with state of the art technology. Animation development, replacing longpoling with websockets, interface development with charts

Company: **Status**

Technologies: **Vue, Vuex, SCSS, Typescript, Scrollmagic, TweenMax, Lodash, React-native**

EXSY   06.2016 - 11.2016
HTML Coder

Creation of sites and landing pages on CMS Wordpress

Technologies: **React, Redux, SCSS, Lodash, WordPress, jQuery**

Skills and knowledge

- React, Redux, Redux-thunk, Redux-saga, React-router, MobX
- Next.js
- React-native, Swift
- TypeScript
- Vue, Vuex, Vue router
- Angular
- HighCharts.js, D3.js
- OOP, FP, Design Patterns
- Node.js / MongoDB/ PostgreSQL / MySQL / Express.js / Redis / Sequelize / Prisma / Bull-mq / Kubernetes / AWS / Azure
- Git
- Webpack, Gulp, Vite
- WebSockets
- GraphQL
- SCSS, tailwind.css, styled-components, Materialize-UI
- storybook
- Unit tests [Jest, React Testing Library]
- Autotests [Cypress]

Education

Specialist of Engineering   2009 - 2014

Odessa National Maritime University