IVAN IVANOV

Lead Software Engineer with an emphasis in Frontend with 8 years of commercial software development & leadership experience including high-loaded real-time streaming applications and advanced data-visualisation. Focused on architecting, developing, maintaining and leading sophisticated web-based solutions.

# Experience

Ninety Percent of Everything – Technical Project Manager

120 people; 80 engineers; 5 streams; 10 persons per team

Oct 2018 – Present time

Technical leadership & management of one of the company streams (30 people). Performance stream is an area dedicated to the monitoring, alerting and assumptions about fuel and cost savings for the commercial maritime industry.

As a Technical Project Manager (Sep 2020 – Present):

* Work closely to the Head of Products to align the technical solutions to product vision, product strategy and key objectives in long-term roadmaps.
* Delivered 4 products for the last year which are used in more than 200 customer vessels. As a Technical Lead (Oct 2018 – Sep 2020):
* Developed a highly-loaded stream application for live vessel performance monitoring and alerting
* Developed the live data-visualisation customer-facing dashboard using React and Highcharts
* Improved platform architecture and increased scalability: migrated monolith backend to a microservices, set up client-server relations using gRPC and GraphQL with Golang, improved CI/CD process

Frontend Chapter Lead (Oct 2018 – Sep 2020):

* Set up a microfrontends framework and the frontend monorepo. Improved code reusability. Introduced Typescript, Storybook, Styled Components and variety of FE tooling.
* Led the frontend chapter to ensure the technical alignment between 20+ Frontend developers.
* Set up a mentorship program for frontend developers and defined a learning curve. Led the hiring process.
* Improved CI/CD process for the FE monorepo – made it 6 times faster (30m to 5m), created the admin dashboard which improved deployment process and permissions management process

Geeny by Telefónica NEXT [via GlobalLogic] – Senior Front-end Engineer Dec 2016 - Oct 2018

With the team of 4 Frontend Engineers team architectured and delivered the dashboard for live data visualisation and monitoring for the Smart Home IoT devices. Adopted React, Typescript, Redux and Apollo along with GraphQL, set up CI/CD with GitlabCI. Delivered MVP’s and POC’s for the company stand on Mobile World Congress 2017 in Barcelona integrated with real IoT devices. Developed REST API and GraphQL services using Node.js. Participated in educational & mentorship programs. Participated in the hiring process.

Media Group Autocentre – Front-end Engineer Nov 2015 - Sep 2016

Was working as a front-end developer for ab.ua - one of the biggest Ukrainian car selling marketplaces.

Rearchitectured monolith FE application to a variety of Single Page Applications, changed the company front-end technologies pool, encouraged moving away from Python Django Templates, CoffeeScript and Backbone.js to ES6 and React + Redux which has improved maintainability and responsiveness of the customer-facing app.

Mamontova Design – Front-end Engineer Nov 2014 - Oct 2015

Was working as a front-end developer for a local web studio which was designing and selling commercial landing pages and other web sites using either CMS’s like Joomla, WordPress and Django Templates

Delivered about 20 projects to production. Improved company front-end toolset and daily engineering processes.

Freelance – Front-end Engineer Mar 2012 - Sep 2016

Was working as a freelance front-end developer with a small group of enthusiasts. Have delivered dozens of websites for a variety of local commercial brands and music bands using CMS’s like Joomla and WordPress.

# Education

National Technical University of Ukraine ”Igor Sikorsky Kyiv Polytechnic Institute”

Master of Science in Computer Engineering

Extracurricular Activities

CactusHack Kyiv 2016 - 1st place: In 48 hours with a team of 2 developers implemented ML-based platform for remote learning, that had features like attention tracking, live streaming and fraud protection

CactusHack Kyiv 2017 - 2nd place/AngelHack Lviv 2016 - Finalist: Developed prototype of GitHub-like system for musicians to collaborate on projects, with features like preservation of the history of changes, visualization of notes sheet and online editor

GlobalLogic Worldwide UI/UX Contest 2017 – 2nd place: Together with UI/UX designer created the mobile app for smart public city parking that had features like live availability tracking and booking.