Olga Krylova

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WORK EXPERIENCE

GAZPROM NEFT | FRONTEND SOFTWARE ENGINEER   Saint Petersburg, Russia | Jul 2022 – Present

- Developed a navigation system for sea vessels using **Angular** and **Leaflet**, which **helped** sea captains to track the positions and routes of ships, monitor weather or ice conditions and other risk factors.
  Stack: Angular 11, RxJs, Leaflet.
- The system also **provided** interaction with the map for various marks and the ability to share them.

BIOCAD | FRONTEND SOFTWARE ENGINEER   Saint Petersburg, Russia | Jul 2020 – Apr 2022

- Developed a system for laboratory equipment monitoring using **Angular** for client side and **NestJS** server as Backend For Frontend **(BFF)**, which **automated** the process of equipment booking and monitoring. The system consisted of modules for working with laboratory equipment, reports, dashboards and various charts.
  Stack: Angular 11, RxJs, NestJS, ECharts, Material UI, svg.
- Developed a part of the module for authentication and authorisation using **Microsoft Azure** and **KeyCloak**.
  Stack: openid-client.
- Participated in building **CI/CD** pipeline which helps to test the application at each stage.
  Stack: Docker, Kubernetes, GitLab.

SKILLS

Languages: JavaScript (main)
Web Development: HTML/CSS, Node.js, Angular, RxJs, NestJS, React, React-Native, Redux, Next.js
REST, WebSockets, Centrifugo, SASS, Material UI, ECharts, Leaflet, moment.js
Technology: Git, Webpack, Heroku, Vercel
Familiar but not Proficient: Python, Django, Docker, Kubernetes, Figma, MongoDB, Redis
Soft: communication, teamwork, problem-solving, adaptability, attention to detail, patience

EDUCATION

BSc. in Computer Science   Saint Petersburg, Russia | Sep 2017 - Jun 2021
SAINT PETERSBURG STATE UNIVERSITY
GPA: 4.4/5.0

COURSES

Interface Development School   Moscow, Russia | Jul 2022 - Sep 2022
YANDEX LLC

PROJECTS

MEMORY CARDS ⬈   NEXT.JS, TYPESRIPT, REDUX, MUI, VERCEL, REDIS

- An application for creating private or public topics with memory cards with simple authorisation and admin panel.
- Mongoose is used for database fetching without any remote server and Redis is used to store images.
- Custom hooks are used as services for api fetching and controlling redux state.

MULTI-TENANT SHOP ⬈   REACT, TYPESCRIPT, DJANGO, HEROKU

- Backend uses a simple multi-tenant pattern for using a single database to host data for all tenants.
- Frontend is the same for all tenants and its data depends on tenant token.
- Users with admin rights can see an admin panel for manipulating data.