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<https://alexanderilinykhdev.github.io/portfolio/>

Summary

I have a good knowledge in computer science and programming, I have been programming since 2015 in university courses and while was working as electronic engineer. I am familiar with microcontrollers and desktop programming, the last year I have been professionally working as a front-end developer (React). You can read about my hard-skills in my work experience section.

I love well-structured development processes where everyone does their own tasks (but recognize that there are occasions when this isn't possible owing to a heavy team workload and constrained time frames), Together with other team members, I enjoy task planning and breakdown, as well as communication and team discussions that speed up work and enhance results.

I'm very talkative, enjoy interacting with others, but am not an extravert because sometimes I need to be by myself. I was able to improve my English because I used to live in Germany and the Netherlands for a month in 2020. I now speak English at an intermediate+ level.

My Github: <https://github.com/AlexanderIlinykhDev>

Experience

Frontend Web Developer

Simaland

Feb 2022 - Present (9 months +)

My main task is corporate web services development, I also performed some functions of a mentor and project manager also I wrote and updated several Figma designs.

During my time at the company, I managed to take part in the development of complex services together with the development team (corporate portal, administrator panel on corporate portal), refactored and rewrote several old projects to the new stack (delivery pickup point service, SMS-service), developed several simple Web applications alone (Swagger/monaco editor document service, corporate chat)

Main projects info:

- Project: Corporate services WEB-site
 - Functionality: employees contacts, registration for corporate transport, ordering certificates, training materials and education programs, food orders, a corporate flea market, etc.
 - Tasks: Layout according to the internal ui-library, functionality, integration with the backend, cross review. A part of the website was implemented (document ordering, signing up for corporate transport, employee expense reports), wrote additional components for corporate ui-library
 - Stack: Typescript, React.js, Next.js, Redux-Saga+Redux-toolkit, react-router-dom, Axios.
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- Project: WEB site for working with API - documentation.

- **Functionality:** Almost completely repeats Swagger Editor: viewing, creating and editing API documentation in .yaml format.
- **Tasks:** Completely wrote the frontend part of the application: authorization, integration of libraries to work with documentation, integration with backend. Based on react-monaco-editor and swagger-ui-react libraries.
- **Stack:** Typescript, React.js, Zustand, swagger-ui-react, react-monaco-editor, react-router-dom, Axios



Team Lead

Yandex Practicum

Feb 2022 - May 2022 (4 months)

Project work

- **Project:** volunteers training WEB site for Lizaalert nonprofit organization.
- **Functional:** Providing training courses for people learning search engine events, the ability to subscribe to courses, access text, video lessons, webinars and tests.
- **Tasks:** Organization of communication in the team, deconstructing the design into components, setting tasks and planning the timing of their implementation, frontend developers code review, communication with the backend.
- **Stack:** React.js, Redux-toolkit, react-router-dom, Axios.

Electronic Design Engineer

Emaled EN

Nov 2020 - Jun 2021 (8 months)

Developing and support of medical devices - medical LEDs, recirculators, physiotherapy devices (magnetic and ultrasound therapy), medical LEDs and resuscitation equipment.

Accompanying devices when passing EMC tests in the Dekra laboratory in Arnhem, Netherlands.

<https://ema.su/en/home/>

Project Lead

A1 engineering

Jan 2019 - Jun 2020 (1 year 6 months)

Project management and developing of embedded GPRS/GNSS module system, developing of functional of the system as a whole (Trackers -> Servers -> Monitoring platform)

Electronic Design Engineer

A1 Engineering

Oct 2017 - Jan 2019 (1 year 4 months)

GNSS/GPRS tracker developing, LoRa wireless modules and base station developing. Making schemes, PCBs, modelling PCB antennas, soldering and debugging prototypes.

Electronic Design Engineer

Scientific and Production Association of automatics named after academician
N.A.Semikhatov

Sep 2016 - Jun 2018 (1 year 10 months)

Developing of relay modules (schemes and documentation), microcontroller modules(schemes and documentation), desining of test stations for electronic blocks and devices (based on industrial computer with PCI relay and interfaces modules), writing code and debugging in assembler, C, C++ languages, fixing devices malfunctions.



electronic technician

D-Test Optical Measurement Systems, LLC

Jul 2014 - Oct 2014 (4 months)

Developing of program of data analysis from laser sensors (non-linear approximation, C++)

Education



Yandex School of Data Analysis

courses, React Developer

Nov 2021 - Feb 2022

Advansed course for front-end developers



Ural State Technical University

Bachelor's degree, radioelectronics and communications systems

Skills

Cypress • Jest • Figma • Redux-toolkit • Typescript • Axios • JSON • Swagger • React.js • JavaScript