Aleksandr Aparin

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Linkedin: **Profile**

Proficient

JavaScript | React | Redux | Next.js | TypeScript | Python | Django | Docker | CI/CD | Feature-Sliced Design

Work experience

Web-developer. Clickadilla. 2024 January - to present

- Development and management of multiple backend-for-frontend projects using *Node.js, Express.js, Fastify, PostgreSQL,* and *Redis*
- Development and optimization of widgets for the web frontend using vanilla *JavaScript*
- Setting up *CI/CD*, *Docker*, and *Docker Compose*
- Implementation of screenshot and integration testing using the *Playwright* framework

Web-developer. Gazprom. 2022 June - 2023 October (1.5 y.)

- Project development of web applications involved designing the structure/infrastructure for various application features such as personal accounts, active keys, equipment, and customization of dashboards, using *Javascript, Typescript, React with Redux/Rtq-query, React-chartjs, styled-components, CI/CD, Git, Docker, Yandex.Cloud, Nginx, and Restful API*. Additionally, I have experience supervising and reviewing the work of junior specialists within a team.

Web developer, data analyst-developer. Yandex 2019 - 2022 (3 y.)

- Automatized downloading and a report about actions of participants using Python;
- Filled and made up main website and participant's person account of actual information using HTML/CSS for largest student competition;
- Created interfaces to manage user data through multiple API;

Web-developer, full stack developer, task management and coordination. Association of Organizers of student competitions «Я - профессионал» 2021 - June 2022 (1.5 y.)

- Developed UX/UI of multi-page web application using *JavaScript, React, HTML/CSS*;
- Participated in the design and deployment to the server of a multifunctional web application for evaluating applications by experts - "Я - эксперт", using for the backend - *Django*;

Data analyst, task management and coordination. National Research University Higher School of Economics (HSE) 2019 - 2022 (3 y.)

- Participated in technical creation of the largest student competition «Я - профессионал»;
- Created the methodological rules and taught to create contests in Yandex.Contest system, also concluded technical support, using *Python, C++*
- Created and analized a report using pivot tables into *Python, Excel*;
- Participated in the admission committee at HSE Univers. Created a report using pivot tables into *Python, Excel*

Education

Yandex frontend school
2023-2023 (Student)

Lomonosov Moscow State University (MSU)
Faculty of fundamental mechanics and mathematics. Department theory of probabilities
2015-2021 (Master)

Lomonosov Moscow State University (MSU)
Faculty of fundamental mechanics and mathematics. Department theory of probabilities
2021-to present (PhD student)

Projects

− Successful, full-fledged NDA project at the Yandex Academy School of Interface Development. Technologies: Next.js, Redux, Nginx, CI/CD (gitlab), Yandex Cloud.

− https://aleksandraparin.me − the visit card.. I used React, server-side rendering on Next.js, TypeScript, as well as GraphQL for parsing data on LeetCode. (https://github.com/AparinAA/visitcard)

− https://coronacheck.vercel.app − calculator is detecting a beneficial transfer money between KoronaPay and Binance. I'm using Next.js, TypeScript, API difference site with currencies rate using axios. (https://github.com/AparinAA/coronaCheck)

− https://www.npmjs.com/~x6p − npm, lib API to work with crypto exchanges. TypeScript.

− These are used when I created BOT for inter-exchange arbitrage trading (https://github.com/AparinAA/typescript-arb)
Other projects on Github and on a personal site https://aparinaleksandr.site.

Science work

On the sojourn time distribution of a random walk at a multidimensional lattice point
Theory of Probability and Its Applications. 2021   EN version   RU version