Aleksandr Aparin

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WORK EXPERIENCE

OnClickA

Software engineer (Frontend)   August 2023 - to present
- Advertising integration into a website / webView / Telegram-mini-app
- Optimized core app with vanilla JavaScript/TypeScript, reducing bundle size by 15–20%
- Integrated SSR method, reducing TTFB and TTI by up to 40%
- Built CRM Next.js/Redux/Rtk-query for real-time workloads
- Designed an architecture, improving build time and memory efficiency by 50% using Docker, CI/CD

Gazprom Innovation Laboratory (contract)

Frontend developer   June 2022 - August 2023 (1.3 y.)
- Develop personal accounts, customization of dashboards using react-chart.js
- Create chat with AI bot to RAG using React, Redux/Rtq-query, HTTP-streaming
- Building and configuring CI/CD pipelines and deploy with Git/Docker/Yandex.Cloud/Nginx
- Improvement and design Restful API

Yandex (part-time)

Web-developer, data analyst-developer   2019 - 2022 (3y.)
- Automatized downloading and a report about actions of participants using Python
- Created interfaces to manage user data through multiple API
- Web-application for internal voting using JavaScript, React, HTML/CSS

National Research University Higher School of Economics (HSE)

Data analyst-developer   2019 - 2022 (3y.)
- Participated in technical creation of the largest student competition «Я - профессионал»
- Created the methodological rules and taught to create contests in Yandex.Contest system, writing rules for checking using Python, C++
- Created and analized a report using pivot tables into Python, Excel

EDUCATION

Lomonosov Moscow State University (MSU)

Master's degree - 4.5 GPA   2015-2021

Faculty of fundamental mechanics and mathematics. Department theory of probabilities

PhD student   2021-prsnt

Faculty of fundamental mechanics and mathematics. Department theory of probabilities

PROJECT

Science works   2022
- On the sojourn time distribution of a random walk at a multidimensional lattice point
  https://m.mathnet.ru/php/archive.phtml?wshow=paper&jrnid=tvp&paperid=5517

- Successful, full-fledged NDA project at the Yandex Academy of Interface Development. Technologies: Next.js, Redux, Nginx, CI/CD (gitlab), Yandex Cloud.
- https://coronacheck.vercel.app - calculator is detecting a beneficial transfer money
- https://www.npmjs.com/~x6p - lib API crypto exchanges are used by BOT for inter-exchange arbitrage trading

SKILLS

JavaScript/TypeScript ●●●●●   React ●●●●●   Redux/Effector ●●●●○
Node.js ●●●●●   Next.js ●●●○○   Docker | CI/CD ●●●○○