Alexandr Bulakh

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WORK EXPERIENCE

🛠️ Trading broker   2023 — now
Web developer

In this project we are developing trading terminal using react, typescript. Also our team is building custom canvas-based charting library used in the web application and embedded as a WebView across Android, iOS, macOS, and Windows. Project is covered with with Playwright (UI) and Jest (unit tests). Our application is very highloaded and it request to be focused heavily on performance and memory optimization.

🛠️ Startup   2022 — 2023
Web developer, python developer

Developed the frontend of a Web3-enabled trading platform using React, Next.js, and TypeScript, including wallet integrations (e.g., MetaMask). Also implemented automated trading bots and strategies in Python based on analytical models.

It was trading startup. I started as web developer and was developing frontend of web platform written on react, nextjs and typescript with web3 wallets integration. Also I was involved in developing of trading bots and strategy backtests on Python (pandas, numpy, scikit и ccxt) proposed by our analytics.

🛠️ Visper   2021 — 2022
Web developer

Visper is a startup for video creation. Application has rich text editor with SSML support (draftjs) and video editor where user can select backgrounds, move objects and preview the result. It built with reactjs (nextjs) and it internationalized with i18next library. Application covered with unit tests on jest and ui tests on cypress.

🛠️ AlfaBank   2019 — 2021
Web developer

Working on banking projects, code review and technical interviews.

Task that was solved:

- tasks research and decomposition
- building microservises with nodejs+ts+hapi for gateway-apis and server side rendering, composing dockerfiles
- monitoring with kibana and another analytic tools
- building frontend using ts+react+redux+saga
- testing applications with jest, nock, react-testing-library, cypress

🛠️ Social network SaraFann.ru   2017 — 2019
Web developer

I have built frontends of social network - single page application on react with server side rendering; Android and iOS applications built using Cordova framework.

Website was optimized for search engines using microdata and meta tags.

Continuous integration was build with gitlab pipelines, also I used docker for continuous delivery.

Notifications was delivered by websockets (centrifugo) and firebase.

You can find mobile applications here:

- Android - https://play.google.com/store/apps/details?id=com.sarafann.mobile_gamer
- iOS - https://apps.apple.com/ru/app/sfgamer/id1464856427

🛠️ Freelance   2013 — 2017

Building websites and server configuration.

Websites examples: https://edu-teh.ru, https://dom-expert.ru, http://ultra-prazdnik.ru,

🛠️ 1PS.RU   2015 — 2016

Web developer

Developing websites using different CMS

SKILLS

- Web-development - typescript, react, redux, zustand, react-query, nextjs, i18next, draftjs, styled-components, postcss, MUI, websocket, socketio, nodejs, hapi, nestjs, MetaMask, web3, webpack, vite, electron.js
- Testing - jest, react-testing-library, playwright, cypress, cucumber, gherkin
- Android and iOS - building applications with Cordova framework
- DevOps - Docker, docker-compose, gitlab-ci, fail2ban, nginx, bash, vpn
- Trading - python, pandas, numpy, ccxt, binance-api, bybit-api, clickhouse, redis
- I have been using Linux since 2013, Arch right now
- Have experience with nginx
- Have experience building fullstack applications using php, nestjs, mysql, postgres, telegram bots

EDUCATION

Cybernetics   2013 — 2017

Irkutsk state technical university

Bachelor, IT

HOBBIES

I like to travel on bicycle, coding some hardware stuff (arduino). Interested in machine learning and blockchain technologies.