Alexander Fedorov

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Full Stack Software Engineer

Specialize in creating UIs and implementing back-end solutions from scratch across various industries. DRY, SoC, and KISS. I value high-quality work and long-term relationships.

WORK EXPERİENCE

From February 2023 to May 2024

Full Stack Software Engineer - Frontend Lead

RKS Cloud LLC United States, CA

Project: Cloudgov

Managed a frontend team (up to 5 developers) and developed the client side of a FinOps platform for managing expenses with cloud providers. Key responsibilities: task creation and distribution among developers; mentored during feature implementation; code reviews; organized CI/CD on the AWS platform; created a state management and business logic system for the client side; set up application routing; ensured responsive design and mobile device support; created navigation menu options; developed a filter system with state binding to the URL; created charts using Chart.js; managed the GraphQL client with the Apollo Client.

Stack: React, Redux, Next.js, Chakra UI, Chart.js, Jest, Apollo Client, GraphQL, Spring Boot, MongoDB, OpenSearch, ClickHouse, AWS.

Project: TRZR

Led a frontend team (3 developers) and developed the user interface for a mobile application that allows users to create a virtual collection. Developed iOS and Android app versions using the Expo-managed flow. Key responsibilities: organized the development stages by parts of the application, task creation, and distribution among developers; mentored during feature implementation; code reviews; set up environments (dev, prod) to enable development and releases in the App Store and Google Play; organized TestFlight workflows; managed certificates and builds using Expo Application Services (EAS); created navigation systems using both side panels and bottom menus; developed the app's state management system; ensured functionality with GraphQL; optimized the app's loading time; configured the app's routing.

Stack: React Native, Gluestack, Expo, Jest, Apollo Client, GraphQL, Spring Boot, MongoDB, AWS.

From May 2021 to January 2023

Software Engineer

Tech Fabric LLC United States, AZ

Project: HomeQual

Development of a credit rating assessment application for borrowers based on a survey using React + .Net Web API stack. Key responsibilities: developed and created REST API for the client application and admin panel; organized stored procedure calls; set up authentication and security for the API; created an API for user authentication and authorization; maintained API documentation using Swagger; developed and integrated chat and bot functionality using SignalR, Azure Bot Service, Bot Framework, Power Virtual Agents, and Power Automate, enabling users to interact with both the bot and the administrator; managed DevOps and configured CI/CD in the Azure environment: ensured the operation of three applications (client side, admin panel, server-side) in three environments (dev, qa, prod) and used Azure services for key storage.

Stack: React, Next.js, SWR, DevExpress, .Net Web API, Swagger, MySQL, SignalR, Azure.

Project: Webbuy

Development of an existing digital automotive retail application that can be embedded into dealers' websites, as well as the addition of a new interface for the internal admin panel. Key responsibilities: added authentication for the server API based on Apollo Federation; added a user interface for the internal admin panel; organized database migrations; code reviews.

Stack: Angular, RxJS, Material UI, Apollo Federation, GraphQL, Jest, Node.js, Knex, MySQL, AWS.

DEVELOPMENT EXPERİENCE

Over 7 years

TECHNOLOGİES AND LANGUAGES

Languages:
JavaScript, C#, Java

Technologies:
TypeScript, React, Redux, Next.js, Node.js, GraphQL, REST API, MongoDB, PostgreSQL, React Native

EDUCATİON

From November 2016 to May 2017

Web Developer Certification

freeCodeCamp Bootcamp
United States
Front End Algorithms and Data Structures
Web Design

From September 2003 to May 2008

Master of Economics

State Technological University
Russia

LANGUAGES

English
B2

Russian
Native

WORK EXPERİENCE (CONTİNUATİON)

From May 2021 to January 2023

Software Engineer
Tech Fabric LLC United States, AZ
Project: Ribbon
Development of an existing B2B and B2C e-commerce platform for managing exhibitions and e-commerce activities. Key responsibilities: developed analytical charts using Mongo Analytics, building queries, and aggregations to present data insights from the database, ensuring data security and independence between users; added, maintained, and updated payment integrations, improved Stripe functionality, and integrated with Spreedly; added new features to the order management system; developed global error tracking on the server level (Node.js) and optimized asynchronous code performance.
Stack: React, Redux, Bootstrap, Material UI, Chai, Webpack, AWS, AWS Lambda, Node.js, Express, LoopBack, MongoDB, Mongo Analytics.

From December 2019 to April 2021

Full Stack App Developer
Considr, Inc. United States, CA
Development and creation of a coaching application for personal management. Key responsibilities: created functionality and implemented the user interface; developed business logic for the client side; developed REST API; organized data processing (audio) on the client side and data transmission using Stream; added third-party integrations; supported functional tests; added animations using Framer Motion; created npm packages for cross-platform use; ensured client application support on mobile devices; code reviews.
Stack: React, Redux, Redux-Thunk, MaterialUI, Node, Express, MongoDB, GCP.

From October 2019 to May 2020

Frontend Web Developer
Real Home GmbH Poland
Key responsibilities: implemented new user interface features and business logic in a logistics business system; updated business logic for legacy Smarty code on the client platform and fixed bugs; added improvements; code reviews.
Stack: React, Redux, Redux-Saga, Smarty.

From July 2018 to September 2018

Frontend Developer
Private Person Great Britain
Development of a new admin dashboard, adding UI functionality, setting up to work in AWS, and interacting with a Node.js backend for data flow.
Stack: React, Node, Express, PostgreSQL.

From April 2017 to September 2019

Web Developer
Rikai Labs China
Building UI layouts, admin panels, business logic, data processing, chats, bots, user registrations, REST API, and third-party integrations. Building ChatBot applications for WeChat, working with WeChat SDK, mini-programs, using NLP.
Stack: React, Redux, Vue, Apollo, Node, Express, GraphQL, MongoDB.

TECHNOLOGİES STACK

Frontend
Typescript, React, Redux, Next.js, SWR, React Native / Expo, Vue.js, Angular, Material UI, Chakra, Prime Reacts, Apollo, Smarty, Jest, Chai, Mocha

Backend
Node.js, Express, GraphQL, REST API, Swagger, .Net Web API

Database
MongoDB, PostgreSQL, MySQL, Knex

ENV
AWS, Azure, GCP, Expo - EAS, Git, Docker

WORK FEEDBACK

From April 2017 to October 2019

NodeJS webapp for chat application
Rikai Labs China
I worked with Alex regularly over a couple year period to add many features to our chatbot platform. He has a wide knowledge from the latest reactJS techniques, implementing registration systems, working with sockets... handling a wide variety of complex tasks. He was very reliable in meeting deadlines, and constructive discussing design goals. Highly recommended!

From July 2018 to September 2018

Admin panel work
Private Person
Great Britain
Alex was responsive, communicated well and delivered good results in a short space of time