Alexander Chernoshej

React, React-Native & NodeJS developer

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Belarus

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Summary

Software developer with 5+ years background in commercial software development

Hard working, detail oriented and able to multitask effectively

Strong knowledge of OOP, Design patterns

Capable team player with good communication skills

Excellent knowledge in React Native (Android and iOS platforms)

Extensive expertise in JavaScript (ES6/ES5), ReactJS and NodeJS

Skills

Languages: Javascript (EcmaScript 5/6), TypeScript

JavaScript Frameworks: React Native, React JS + Redux, express (NodeJS)

Web Technologies: EcmaScript 5/6, HTML5, CSS3, SASS, Bootstrap, Material-UI

Web Frameworks and Tools & Libraries: Redux, Redux-Saga, React-navigation, Reselect, React-native-navigation, Redux-form, Redux-actions, React-native-push-notification, Redux-persist, Reactotron, Webpack, Eslint, Babel, NPM, Yarn, Expo, Google Maps, TestFlight, Firebase

Testing and automation: Chaijs, Mochajs, Bitrise, CircleCi, detox, fastlane

OS Platform: Mac OS, Mobile platforms (iOS and Android), Microsoft Windows Family

IDE and Environment: Android Studio, Xcode, WebStorm, Visual Studio Code

Version Control Systems: GIT

Methodologies: Scrum, Kanban

Issue tracking tools: JIRA, Trello

Experience

iTechArt-Group / Software engineer

SEPTEMBER 2015 - PRESENT, MINSK

Responsibilities:

- Create cross platform mobile applications from scratch
- Writing native modules in Java and Objective C
- Applying social-network authentication (Google, Facebook)
- Investigate & estimate projects/features
- Create applications designs, UI & UX
- deep linking functionality, gallery, push-notifications,analytics & bug tracking utilities integration, etc.
- Communication with customer
- Code review
- Bugfixing

Recent projects:

#1 Mobile assistant for vehicle carriers in US (react-native mobile app and node.js proxy)

Stack: react-native, ES6, redux, redux-saga, redux-persist, detox, jest, mocha, axios, react-native-navigation, firebase app distribution, node.js, type-script, AWS, docker

Features:

- Taking pictures of the vehicles before pick up and drop off
- Placing damage marks right on the photo and move them (nested pan responders with drag & drop)
- Tracking geolocation and requesting available loads based on geodata
- Signing documents right in the app (signature view implementation)
- Selecting estimated date of arrival (calendar view)

#2 HQ Trivia-like mobile game where the main goal is to predict bitcoin appreciation/depreciation in the following 10 seconds. In the end of the game money prize is shared among participants who answered correctly 10 times in a row

Stack: react-native, ES6, redux, redux-saga, redux-persist, react-navigation, socket.io, TestFlight, firebase

Features:

- Sending and receiving real time messages using websockets
- Scheduled and remote push notifications (firebase)
- Firebase and Amplitude analytics
- Bi-directional list of crypto-currencies with live prices updated by websockets

- Live game with background timers

#3 White board collaboration service with audio and video calls powered by WebRTC (web and mobile clients, .NET server).

Stack: react-native, react, ES6, redux, redux-thunk, redux-persist, react-navigation, WebRTC, TestFlight

Features:

- Secure video conferences (unlimited participants)
- Screen sharing (web and mobile clients)
- Media sharing (pictures, videos, PDF's) with further collaborative editing
- Snapshots and videorecording
- Shared whiteboard
- Signing up by invitations

#4 Mobile cemetery guide. Allows to locate grave by id or part of the name

Stack: react-native, ES6, redux, redux-thunk, react-navigation

Features:

- Searchable list of buried
- Interactive map of the cemetery (autofocus, search by name)

#5 Web investment service. Helps users accumulate their net worth (web client and node.js server)

Stack: react, ES6, redux, redux-thunk, materialUI, node.js, d3

Features:

- Suggesting various investment plans: fast and risky or slow and reliable, based on detailed questionnaire
- Drawing real time charts
- Linking accounts from other services and banks
- Building Monte Carlo

Tapston Development LLC / React-Native Developer
SEPTEMBER 2017 - OCTOBER 2018, MINSK

Responsibilities:

- Supporting existing code-base and adding new features
- Conducting code review
- Building app with complex scenarios (WebSockets, WebRTC)
- Bugfixing

Recent projects:

#1 Baby monitor app. Works either as a parent or child station. Parents can observe and listen to what is happening on the Baby's part using a camera and microphone and also receive push notification when the Baby becomes too loud. (mobile client, node.js server, firebase storage and firebase cloud functions)

Stack: react-native, ES6, redux, redux-thunk, redux-persist, react-navigation, WebRTC, TestFlight, firebase

Features:

- Listening and recording baby's noise
- Notifying Parents when it is too loud
- Uploading recorder tracks to the firebase storage
- Secure p2p CCTV provided by WebRTC and websockets
- Taking snapshots on baby's camera during observing
- Paid subscriptions
- Saving sleep history

Education

Belarusian State University of Informatics and Radioelectronics / Engineer
SEPTEMBER 2012 - SEPTEMBER 2017, MINSK

Complete higher education on Faculty of Engineering and Economics (Information Technologies in Economic)

Specialization: Information Technologies Engineer

Languages

English (upper intermediate), **Russian** (native), **Belarusian** (native)