

DENIS STEPANOV

Senior React Native Developer

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EDUCATION

University of Nottingham (UNNC)

BCs Computer Science

📅 August 2017 – June 2020 📍 Ningbo, China

Humber College

Computer Engineering Technology Diploma

📅 August 2014 – May 2017 📍 Toronto, Canada

SKILLS

React Native/ ReactJS, Redux/Mobx	3+ year(s)
Firebase, Jira, Git, VSCode	3-5 year(s)
Swift, Kotlin, Unity	2+ year(s)

Other skills: NodeJS (Express), GraphQL, MySQL, HTTP (REST), Figma, \LaTeX

EXPERIENCES

Mobile Application Development Team Lead

Softline

📅 July 2022 – Now 📍 Moscow, Russia

Senior React Native Developer

Zorion

📅 Mar 2022 – Nov 2022 📍 Singapore

Mobile Application Development Team Lead

Briskly

📅 Mar 2021 – Feb 2022 📍 Moscow, Russia

Senior Mobile Application Developer

Sycret

📅 May 2020 – April 2021 📍 Moscow, Russia

Virtual Environment (VE) Designer

University of Nottingham Ningbo China

📅 June 2019 – May 2020 📍 Ningbo, China

CERTIFICATIONS

First Aid and CPR Certificate

Red Cross

📅 February 2016 📍 Toronto, Canada

ACHIEVEMENTS

- Winner of FLEX Exchange Program
- Participant of Model United Nations
- Best UNNC dissertation of the year 2020

PUBLICATIONS

- Creating a 4D photoreal VR environment to teach civil engineering. *In IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE 2019)*, pages 1006–1013, 2019.
- A Virtual Reality OER Platform to Deliver Phobia-motivated Experiences, Denis Stepanov, Dave Towey, Tsong Yueh Chen and Zhi Quan Zhou (2020) in Proceedings of the IEEE Annual Computer Software and Applications Conference, COMPSAC 2020, pp. 1528–1533.

PROJECTS SUMMARY

Retailix (Softline)

- Customer Relationship Management (CRM) mobile application written in React Native to help clients monitoring their business with the help of AI. The application serves as a faster and more convenient analytics solution to every business owner and predicts customer feedback on price changes.

B-PAY

- A React Native mobile application to automate food retail shopping process. The app includes authentication, payment, barcode recognition services, as well as powerful UX/UI, described as “complicated custom components”. B-PAY has already 40,000+ users worldwide and helps hundreds of people everyday.

Zorion

- Zorion is an investment platform where users can invest in real US stocks and exclusive deals into pre-IPO companies called secondaries. Mobile application serves as a middleman between a broker and stock exchange to deliver best UI/UX experience to the end user.

Sycret White-Label Mobile Application

- A white-label mobile application written in C# Xamarin (later in React Native), which targets beauty, medical and fitness industries. The application includes online services booking interface, authentication, bonuses system and many other features to help clients in growing their business.

COMMERCIAL PROJECTS

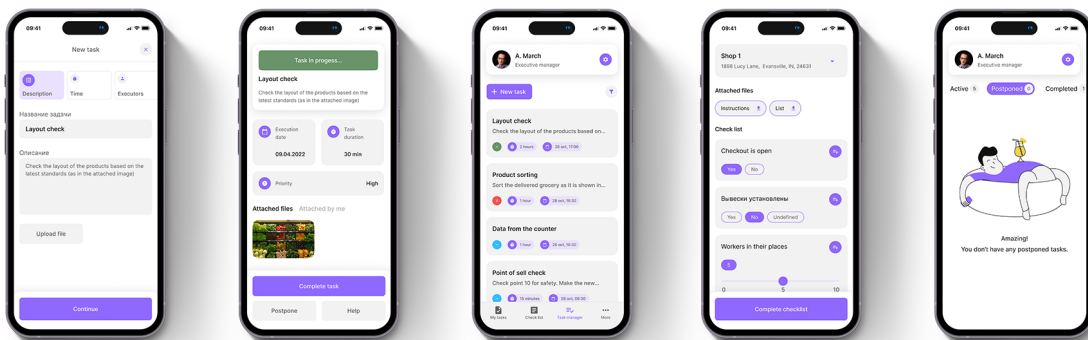
Retailix

Retailix is a mobile application that helps businesses to collect analytic data with a help of artificial intelligence module. The module collects data from mobile app (such as bar code, price tags, etc) and predicts the user feedback on the changes of the price or description of the product. Currently, the application is in beta version and is limited to several companies like Softline, GazProm, X5, Neurolis.

Additionally, Retailix mobile application serves as a CRM system for managers and workers, includes role system and kanban task system. The application also manages large cache of data, such as images that are used for enriching the AI data sets.

Total Number of Downloads: 200+ (currently in beta-testing)

Stack: React Native, Mobx, Websocket, OneSignal, Lottie, AppsFlyer, Kaiten (documentation), Git, CodePush (AppCenter), MMKV, FetchBlob (multipart requests)



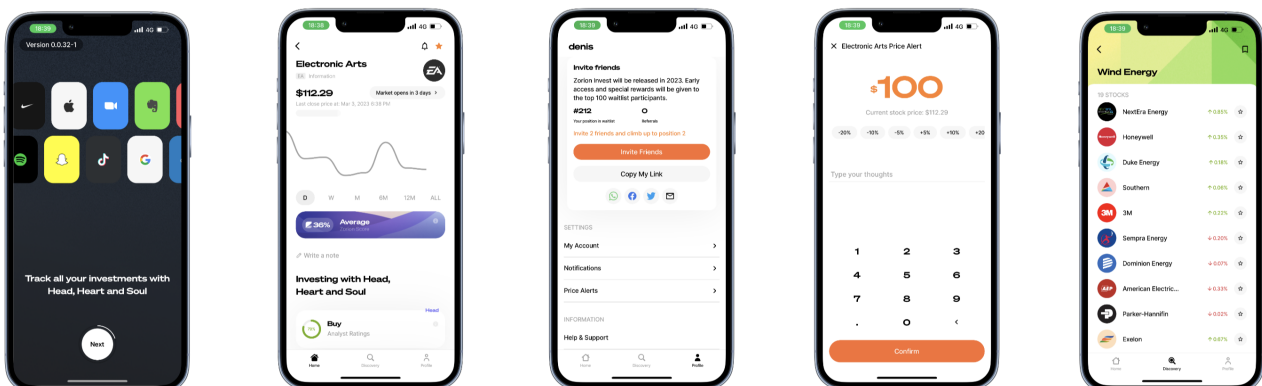
Zorion

Zorion is a finance app to track your investments easily and monitor changes in stock. With this app, you can add stocks to your watchlist and stay informed about the latest developments in the market without actually buying any shares. Zorion also includes Sharia Compliance statutes of your stock options to ensure that your investment portfolio aligns with your values and spirituality in accordance with Islamic Law.

With Zorion, you understand the level of risk associated with each stock using the ESG Risk Score. This score evaluates the impact of environmental, social, and governance issues on a company's business value. Zorion-tracker funds offer a range of features to help you make informed investment decisions, including access to thematic collections, company news, and essential information.

Total Number of Downloads: 1,000+

Stack: React Native, Mobx, Websocket, OneSignal, Lottie, AppsFlyer, Clickup (kanban), Git, CodePush (AppCenter), MMKV, FetchBlob (multipart requests)



COMMERCIAL PROJECTS

B-PAY

Briskly is the technology of the future at the service of retail. The core of the service is the B-Pay application, thanks to which customers scan product barcodes and pay for them directly on their smartphone.

B-PAY is a mobile application with a scanning module for purchases without queues, the function of fast delivery and payment of fuel at gas stations without a cashier. It is written in React Native and provides best UX there is on the retail market. Most of the functionality in the application surrounds the scanning feature and payment services which makes the purchases faster for hundreds of people every day.

Total Number of Downloads: 40,000+

Stack: React Native, Redux (Persist, Saga), Websocket, OneSignal, Lottie, Firebase (+ Crashlytics), Mapbox, Jira, Git, Confluence

Briskly Business

BB is the helper app for the merchants of the Briskly business. You can collect orders, manage the stock of your products, and control your delivery services, all in one app.

Briskly Business is a CRM-type application that helps users to minimize their time in managing their business with Briskly. The React Native application provides secure authorization, fast and powerful UI, push notification services and many other features that are included in modern day CRM application. Additionally, the app provides security with up-to-date message and information encoding, making sure that the critical business information stays safe.

Total Number of Downloads: 2,000+

Stack: React Native, Redux (Persist, Saga), Websocket, OneSignal, Lottie, Firebase (+ Crashlytics), Mapbox, Jira, Git, Confluence

You can find some screenshots from the B-PAY app below. The app is available to download upon request.



Sycret CRM Application

A 7+ months project that was designed for development in the beginning of 2020. It was first started on Xamarin but rebuilt on React Native later on.

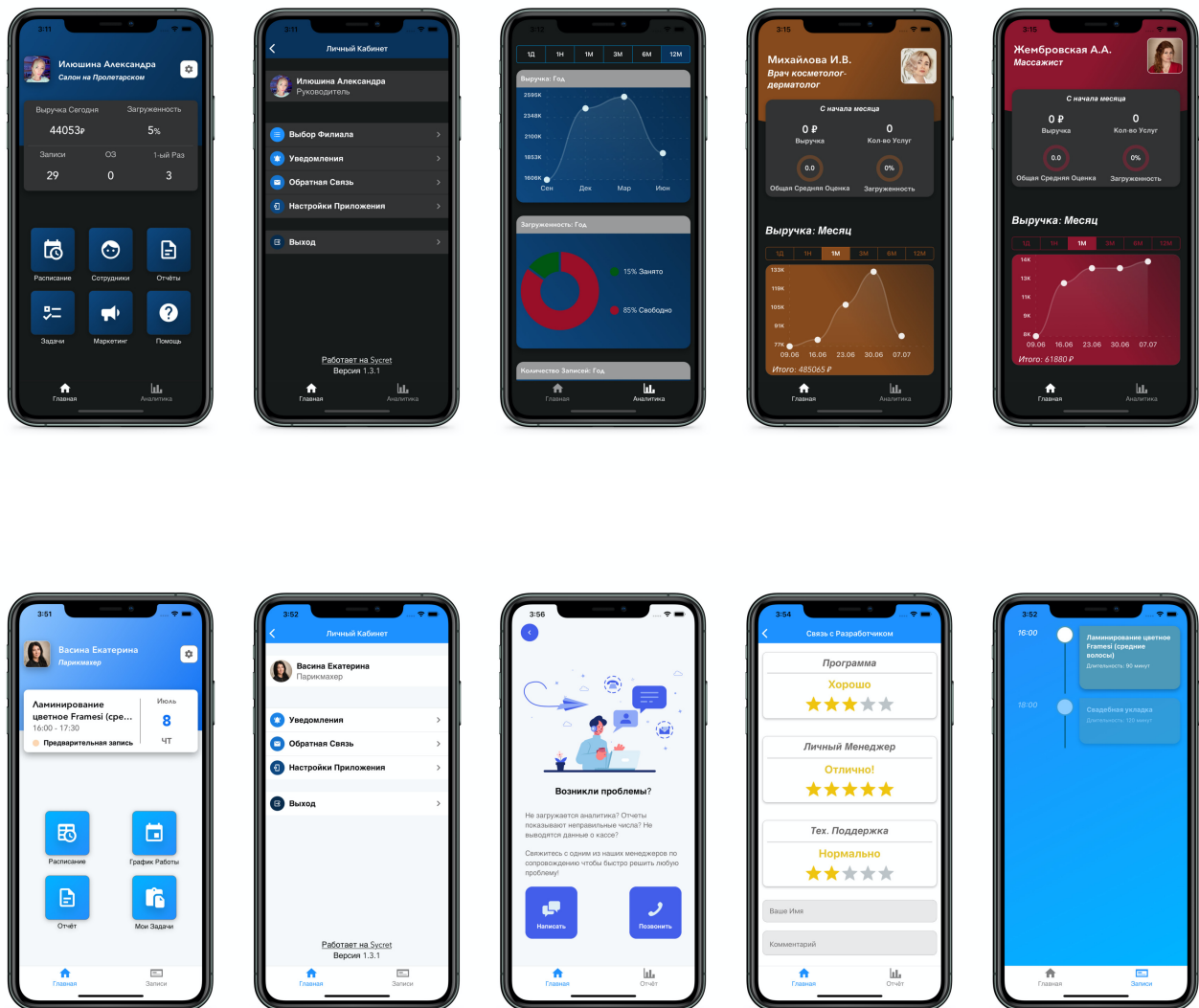
The application includes multiple CRM features: role separation, complex analytics/charts, calendars/events, camera/scanning interface for warehouse workers, tasks module and so on. One of the most interesting parts of the application is that it includes three (3) main roles for the users: Manager, Specialist and Administrator. Each one of them has a specific set of screens, allowed actions, and interfaces to work with. Additionally, REST API was used to work with backend and push notifications in cases such receiving push notification when the Manager allocated a task for a Specialist or an Administrator, or when an Administrator has closed the shift and completed the report.

The application is currently maintained and working on both iOS and Android. It is available to download upon request.

Total number of downloads: 300+

Stack: C# (first 2 months), React Native, Firebase, Expo, Lottie, React Navigation, Context API, Jira, Git, Confluence, Theming.

Some of the roles' actual device screenshots are presented below in dark and light themes.



COMMERCIAL PROJECTS

Sycret White-Label Mobile Application

Another 7+ months project that was first written in C# on Xamarin. I was presented with a ready-to-go application on Android and had to implement the iOS side. After some time, the project was rebuilt on React Native (js) and it is still maintained by me on both platforms.

The application is a white-label project that is developed specifically for Sycret clients. It has everything the modern application needs: fast navigation, login/registration protocols, context state management, animations (Lottie), push notifications, share services and so on. There are currently six (6) client applications available for download on AppStore/Google Play Market. Their difference is only in color settings, content information and secondary images.

The link for download can be requested upon the interview.

Total number of downloads: 1000+

Stack: C# (first 6 months), React Native, Firebase, Expo, Lottie, React Navigation, Context API, Jira, Git, Maps.

Some of the examples are presented below (Sycret Demo).

