

DENIS STEPANOV

React Native Application 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

North Judson San Pierre High School

Excahnge Programme School

📅 August 2013 – May 2014 🗺 North Judson, USA

SKILLS

React Native/ ReactJS, Xamarin (C#/XAML)	1+ year(s)
Firebase, Jira, Git, VSCode	2-4 year(s)
Swift, Kotlin, Unity	1+ year(s)

Other skills: Expo, MySQL, HTTP (REST), Confluence, Figma, Lottie/Bodymovin, \LaTeX

Next Learning Path: MobX/Redux, CI/CD (Github Actions), Snowpack

EXPERIENCES

Mobile Application Development Team Lead

Briskly

📅 August 2021 – Now 🗺 Moscow, Russia

Senior Mobile Application Developer (1+ years)

Sycret

📅 August 2020 – August 2021 🗺 Moscow, Russia

Virtual Environment (VE) Designer (5+ months)

University of Nottingham Ningbo China

📅 June 2019 – Nov 2019 🗺 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

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.

Briskly Business

- Briskly Business is a CRM-type mobile application to help clients in organizing and managing their business with Briskly. The application is separated by roles and includes complicated logic and management system. The app helps people with settings up orders, stock management, delivery services and other features that is provided by Briskly.

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.

Sycret CRM

- Customer Relationship Management (CRM) mobile application written in React Native to help clients monitoring their business. The application serves as a faster and more convenient analytics solution to every business owner.

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.

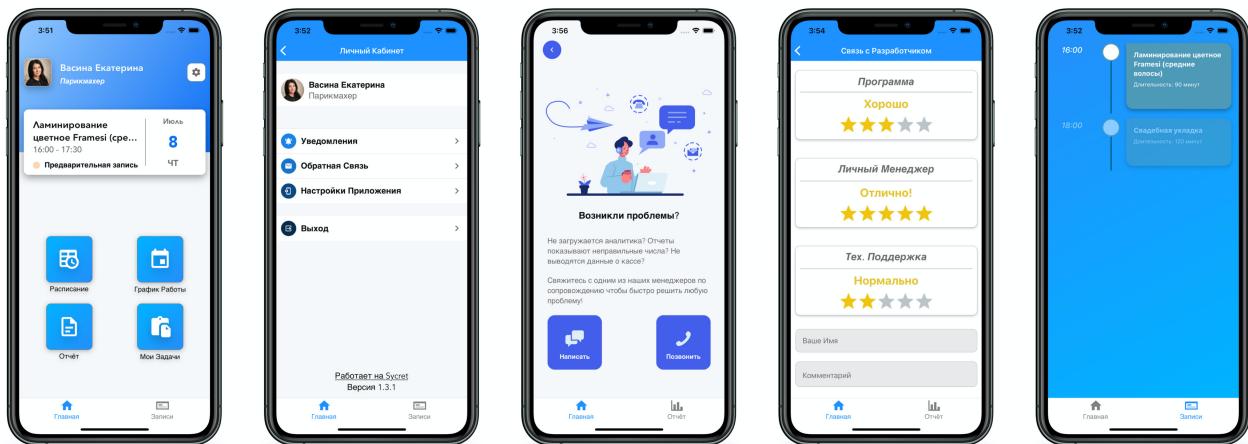
The application includes multiple CRM features: role separation, complex analytics/charts, calendars/events, camera/scanning interface for warehouse workers, tasks module and so on. One of the most interesting parts of the application is that it includes three (3) main roles for the users: Manager, Specialist 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).

