

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

Senior Mobile Application Developer (1+ years)
Sycret

🕒 August 2020 – Now 📍 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

INTERESTS

Virtual Reality (VR) iOS/Android Metamorphic Testing
Mobile Development Open Educational Resources (OER)

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

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.

Software Controlled Drone

- Arduino and Android collaboration project focused on controlling a Unmanned Aerial Vehicle (UAV) module through a mobile application. The system works based on Bluetooth communication between an Android application and a UAV controller.

VR Wearable Technology System

- A year long project focused on the development of VR platform combined with wearable technology to monitor health data and deliver phobia-motivated experiences.

COMMERCIAL PROJECTS

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.

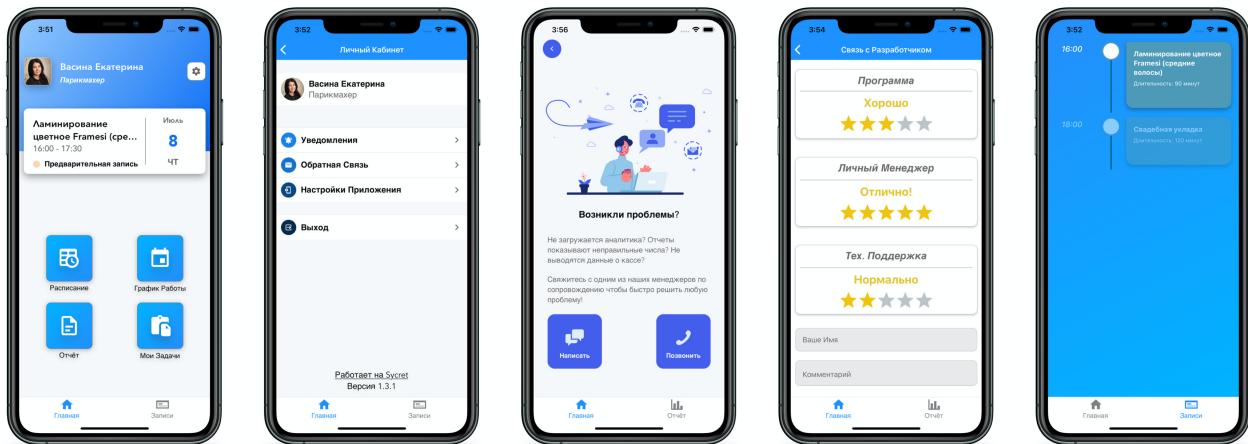
The application includes multiple CRM features: role separation, complex analytics/charts, calendars/events, camera/scanning interface for warehouse workers, tasks module and so on. One of the most interesting parts of the application is that it includes three (3) main roles for the users: Manager, Specialist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

