


# Alexey Talkan

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## Summary

Fullstack developer with 18 years of experience. Familiar with many languages and technologies.

Made a payment gateway from scratch, which in the first year was used by 15 million people.

Developed and managed a startup that raised \$2 million after launching.

I made an application that got into the featured list on the main page in the AppStore

Can and love teamwork. I have experience in leadership and mentoring, hired junior developers who I helped develop into Senior.

I have experience in managing and developing large complex projects from scratch, as well as connecting to an existing project with a large codebase. I know how to hear and take into account business needs, I don't rush to rewrite someone else's code, but I can also refactor.

I am currently in Cyprus.

Open to remote work and relocation to Germany or the USA.

This CV contains several projects in which I have been involved. In fact, there are many more.

## Experience

### Chief Technology Officer

MiPeople

Jan 2014 - Present (8 years 5 months +)

A social network for charity. It is functional, like Instagram, but with paid posts and likes, the money from which was transferred to nonprofit foundations in 20 countries of the world.

Since I created the project from scratch, I wrote the basis of all the functionality, integration with payment gateways of different countries (PayPal, Authorize.NET and others), the tasks of distributed data storage, fault tolerance and fraud monitoring were solved, an analytics system for management and electronic reporting for accounting documents was implemented.

Subsequently, as a technical director, I formed a team and organized the process of product development and deployment.

The server application was implemented on the stack: Node.js + Redis + PostgreSQL. AWS S3 was used as a user data storage, the application is deployed in the AWS Cloud. The web version of the application was written in React.js and Redux with communication between the client and the server using the REST API and WebSockets. Mobile versions of applications for iOS and Android were implemented in Objective C and Kotlin languages using ReactiveCocoa and Realm libraries.

### Chief Technology Officer

Payture

Jan 2010 - Jan 2013 (3 years 1 month)

The payment gateway is a B2B product with the ability to pay with bank cards, recurrent payments, virtual wallets and a powerful anti-fraud system.

I implemented MVP and basis of the functionality myself, and after the successful launch of the project, I assembled and trained a team of developers. I was certified for compliance with PCI DSS of one of the highest levels by an international auditor, I implemented a self-learning anti-fraud system using Machine Learning.

The core of the system is implemented on the Microsoft stack in C#, the MS SQL Server database. In addition, the application contains many microservices on Node.js with various data storage tools, such as Redis, MongoDB, PostgreSQL.

I have solved the problems of fault tolerance and dynamic scaling under high loads.



## Chief Executive Officer

Foxty

2019 - Present (3 years 5 months +)

A marketplace with a hybrid B2C + C2C scheme. My own project.

During the development of the platform, I wrote all the functionality of the project, implemented an electronic document management subsystem with the tax service and integration with two payment gateways.

The first version of the iOS app was highly appreciated by Apple's auditors and was advertised for free on the main page of the AppStore during the celebration of Mother's Day in Russia.

In the process of writing the code, I formed a team, established workflows, testing and publishing releases.

Used is my favorite stack: Node.js for the server application, Redis and Sequelize + PostgreSQL + PostGIS for data storage, React.js + Redux for the partner store management web application, Swift and Kotlin for iOS and Android applications.

## Education



### Higher School of Psychology

Second Higher Degree, Psychology of Management

2007 - 2011



### State University of Moldova

Bachelor of Science, Computer Science

2000 - 2005

## Skills

JavaScript • Team Leadership • Management • PostgreSQL • Scrum • Data Analysis • Artificial Intelligence (AI) • React.js • Mobile Application Development • Software Development