



Alexey Talkan

Male, born on 1982

Moscow, willing to relocate (Great Britain, USA, Australia, Canada)

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CTO, Team Lead

IT, Internet, Telecom

- Software Development
- Project Management
- Startups

Employment: project work, part time, full time

Work schedule: remote working, flexible schedule

Work experience

March 2014 — currently
5 years 6 months

MiPeople.org

USA, mipeople.org

CTO

MiPeople has incorporated the best of social media, providing users with an easy way to participate in charity work.

Project objectives: architectural design and development, leadership and programming in the development team, strategic planning and participation in business decisions.

Technical director and co-owner of the company, a full development cycle in a team of 7 people.

On the technical side, the project is a distributed high-load server application with horizontal scaling and a set of client applications for web and mobile platforms.

Integration with payment gateways, cloud computing and content delivery tools of Amazon and IBM allows to scale the application for different countries and markets.

December 2018 —
currently
9 months

Own Project

Trevelo - iOS application for travelers

Architecture development, programming, project launch and promotion.

In the first versions it is a map for the track of the list of visited countries and cities.

At the moment, the application has added functionality of travel planning, ticket and itinerary receipt storage, hotel vouchers and other documents, checklist, reminders and photos.

Monetization through partner programs for booking tickets, hotel accommodation

and buying tickets for local events in the visited cities.

More than a thousand registered visitors with excellent growth dynamics.

Stack: Swift, CoreData, Google FireBase, Facebook API, work with maps and user's geo-position.

April 2017 — currently
2 years 5 months

Own Project

Smart contracts for blockchains on the Ethereum platform

Development of ERC-20 smart contracts for the production of own tokens.

Programming, testing and audit of contracts for ICO.

Implementation of smart contract infrastructure to launch a fundraising application for charity.

July 2017 — July 2018
1 year 1 month

Hermes Taxi

Moscow, hermetaxi.ru

CTO

Creation of uber-like full-cycle software for taxis and taxi cabs.

As a part of the team of 5 people as a writing technical manager of the project were implemented:

- exchange for exchange of orders between taxis and call centres
- software for a taxi company, including a control and monitoring panel for incoming orders, a driver's application for the Android operating system, a bidding mechanism for orders, etc.

June 2013 — July 2018
5 years 2 months

Fly.me - Travel Agency

fly.me

Основатель, CTO

Fly.me is a travel company offering online services to travelers.

Ticket purchase - integration with Amadeus and Galileo global reservation systems. Hotel reservation, implementation of internal payment gateway, white-label with bonus and referral system. High-load service based on micro-services. Stack of technologies - Node.js, Go, Riak, PostgreSQL, Redis, RabbitMQ.

January 2010 —
May 2012
2 years 5 months

Payture

payture.com

CTO

Company "Payment" specializes in B2B solutions that allow to carry out Internet acquiring, antifraud monitoring and solving a range of tasks on accepting payments online.

From the moment the company was founded, I designed and developed Payture software complex that is not inferior to world-class payment gateways from scratch. Among the possibilities:

- Payments with data entry on the merchant side (for stores with pci compliance)
- Possibility to connect payment by credit card without the need to write a code on the part of the store,
- flexible customization of payment methods,
- The possibility of using virtual wallets with the card data stored at the gateway (within the pci dss requirements),

- Write-offs without acceptance,
- subscriptions and periodic write-offs,
- Intelligent self-learning mechanism of antifraud (preventive security system against fraud) based on neural network with the possibility of flexible adjustment in real time
- ... and a lot more.

Compliance with pci dss standards guarantees safety for both merchant and buyer. All this has allowed the company to gain the trust and become partners of the largest card acceptance points on the Russian Internet in a short period of time.

For the last one and a half year are put, and set of technical problems are successfully solved:

- Fault-tolerant payment software was designed and implemented
- Integration with the world leaders in the field of processing software was ensured

March 2007 —
 january 2010
 2 years 11 months

Morqua
Teamlead, CTO

Morqua specializes in the development of innovative technologies in the field of information flow management, development of applied business solutions and integration of information systems. Morqua has developed its own unique technological platform - MO.ST (Morqua Standard Technology), which is successfully used to build competitive IT solutions.

Projects:

1. Payment gateway. Role in the project: analyst, architect and development manager. Within the framework of the project, a payment gateway using the processing center of the official vendor of international payment systems VISA International and MasterCard Worldwide - UCS company - was implemented. Support of PCI DSS security standard, implementation of 3-D Secure mechanism.
2. www.anywayanyday.com - online booking of air tickets and hotels. The leader in the Russian market for ten years. Booking and issuance of electronic tickets for IATA member airlines (work with Global Distribution System Amadeus and Galileo).
3. Development of a system of accounting, control and sales planning for the largest grain trading companies in Russia.

December 2005 —
 march 2007
 1 year 4 months

Luxoft (ODC Deutsche Bank)
Senior Developer

Development of an application for management and control over the credit division of Deutsche Bank.

Project specifics: three-tier architecture. Client Win-application (C#.NET) + Web-services (C#.NET <-> Java) + ORACLE. The project uses a wide range of technologies.

About me

More than 18 years of development experience.

Full development cycle - from architecture design and MVP creation to production.

I prefer startups and early stages of project life.

Design and development of high-load distributed computing systems.

Skills:

- Project Scheduling: Expert
- Project Lifecycle Management: Expert
- Research: Expert
- Problem-solving: Expert
- Web Development: Expert
- iOS Development: Expert
- Android Development: Skillful

Languages:

- JavaScript: Expert
- Golang: Skillful
- Swift: Expert
- Kotlin: Skillful
- Python: Skillful
- SQL: Skillful
- HTML/CSS: Skillful

Interested in Machine Learning and AI.

I'm interested not only in the technical components of the business. I am actively studying business literature, and in recent projects I have participated in the role of co-founder, getting involved in making business decisions and planning financial flows.

I visited more than 40 countries. Even on a trip I do not part with my laptop and my favorite occupation.

Looking for projects that inspire me.

Higher education (bachelor)

2005

State University of Moldova

The largest institution of higher education in the republic, Mathematics and Computer Science/Computers, Systems and Networks

Languages

Russian — Native

English — C1 — Advanced