

## Contact

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## Top Skills

Troubleshooting  
MySQL  
Programming

## Languages

English  
Russian

# Andrey Kashirin

CTO at HyperQuant  
Barcelona, Catalonia, Spain

## Summary

I love to overcome technical challenges

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<https://github.com/kancom> (<--email here)

<https://stackoverflow.com/users/3621883/kancom>

## Experience

HyperQuant  
CTO on backend  
April 2019 - Present  
Moscow

Management of development process of the backend components of platform.  
Architectural decisions, timeline management, hands-on development:  
microservices, docker, API, django

SysQual  
CTO  
July 2017 - March 2019 (1 year 9 months)  
Moscow, Russian Federation

Main task is resolving any problem concerned to the product development.

Building a development process in a startup with quite limited resources.  
Work under high time pressure.

Introduction of an infrastructure for development, which consist of:

- \* Project management system
- \* Bug tracker
- \* Source Code Repository
- \* Continuous integration
- \* Code Review
- \* Automatic tests
- \* Support of sandbox for developers

Definition and supervision of the development processes:

- \* Task transfer from CPO to analysts
- \* Technical description for developers
- \* Development/Coding
- \* Testing

Search/Selecting members for team. Assistance in integration and learning of newcomers.

Management of the team of 15+ developers, including 2/3 remote members.

Creating architecture of the product.

Roadmap.

Sprint planning.

Task decomposition and definition of priorities (also in stress conditions).

Direct participation in solving of difficult technical problems.

Research in subject area.

Minor time making other team members' tasks:

- \* Technical description
- \* Manuals
- \* Development
- \* Devops
- \* Tests of complex scenarios.

SysQual

Python Developer

October 2015 - May 2018 (2 years 8 months)

Moscow, Russian Federation

Platform Engineer

Development of server side part, which controls product life-cycle at customer appliance - Element Manager System (EMS) in Network Function Virtualization (NFV) structure

Rivasense Technologies

CTO

April 2013 - July 2017 (4 years 4 months)

Moscow, Russian Federation

Achievement:

Build SW development cycle: task discussion, formalization, development, testing and implementation.

Developed architecture of complex solution from the scratch up to commercial ready system.

Form successful development team.

Intrude of continuous integration system (code fetching, verify, testing, packaging)

Intrude KPI for developer assessment.

Responsibility:

Driving product development from the company's start.

Team management (remote and local commands)

\* Team recruitment (search, interview).

\* Team assessment.

\* Team's task definitions.

Being a scrum master.

Technical support of BAs and CPO.

Writing technical requirements and documentation;

Coordination of troubleshooting of complex problems.

Management of developing and lab HW and SW infrastructure.

Tools:

Redmine

GitTolite

BuildBot

Rivasense Technologies

Senior Database Architect

April 2013 - July 2017 (4 years 4 months)

Moscow, Russian Federation

Mysql and ClickHouse

Responsibility:

Design of schema from the beginning.

Writing SQL business logic realized in DB.

Testing and choice of best performing DBMS.

DBMS, schema and query fine tuning.

DBMS:

Mysql, Percona, ClickHouse

Dimensions:

Terabytes of data and billions of rows, 24/7/265 OLTP + OLAP.

## Oracle

Professional service engineer

September 2009 - July 2014 (4 years 11 months)

Level "2.5" Support Engineer

### Achievements:

Implementation of several turn-key and jump in projects in several countries (including US, Brazil, UE countries).

Writing of technical and documentation for co-workers.

Development scripts for customer demands on various programming languages.

Development of engineering tools, which saves engineers' time, which were included into the product.

First launch at customer site of new E5-MS product.

Much troubleshooting efforts for customer support and project implementation, including product's code depth.

Gathering and subsequent adoption of deep network knowledge in system configuration and troubleshooting (Protocols: MAP, CAP, RANAP, BSSAP, ISUP, BICC, SIP, GTP, Diameter, S1AP.).

### Equipment:

PIC

E5-MS

Eagle5 STP

## Huawei

Technical Support Engineer

March 2008 - June 2009 (1 year 4 months)

Level 2 Technical Support Engineer

### Achievements:

Implementation of 3 turn-key projects for Beeline@Russia (First installation of 3G of Huawei in Russia)

Preparation of standard drafts for technical documentation further used by colleagues.

Besides for "field" project, support of all Russian CDMA customers for Core Network domain.

Successful implementation of multivendor tests in Megafon lab, which required deep knowledge of protocol stack from implementer.

#### Responsibilities:

Engineering deployment: supervision of hardware and software installation, software installation according to quality policy, preparation engineering documentation package.

Preparation configuration for acceptance tests, preparation to integration and integration implementation.

Technical support tier II, troubleshooting and consulting.

#### Equipment:

MSC MSOFTX3000

MGW UMG8900

Huawei L3 switches

#### ZTE

After-sales technical support engineer

June 2005 - March 2008 (2 years 10 months)

Level 2 Technical Support Engineer.

#### Achievements:

Successful implementation of 5 full-cycle projects in Russian cities.

Regular interaction with Level 3 support Engineers during complex problem troubleshooting.

Interaction with customers during system acceptance tests and daily maintenance.

#### Responsibilities:

Engineering deployment: supervision of hardware installation, software installation.

System debugging, preparation to acceptance tests, preparation to integration and integration.

Technical support for customer.

#### Equipment:

MSC ZXG10

HLR ZXG10

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## Education

Mordovia State University named after N.P. Ogarev (MSU)

Bachelor, of mathematics, applied mathematics and information science. · (2001 - 2006)