

## Contact

cybergrind@gmail.com

www.linkedin.com/in/cybergrind  
(LinkedIn)

github.com/cybergrind (Other)

## Top Skills

Python

JavaScript

Erlang

## Languages

English (Professional Working)

# Kirill Pinchuk

VP Engineering at Proof Network

## Experience

Proof Network

VP Engineering

June 2018 - Present

Same as at Tipsi

Tipsi

Solutions Architect

November 2015 - June 2018 (2 years 8 months)

There are three main branches of my responsibilities here

Technical management - establish and support development processes (e2e testing automation, CI, review and release processes), architecture design, code review, switching to react and react-native, team building and education, open sourcing some staff here <https://github.com/tipsi/>

Backend development - we're using django-rest-framework, asyncio, postgresql, rabbitmq and some other fancy things like docker-based microservices. We've switched to 'test everything' approach and this helped us to make quite big migrations, like mysql -> postgresql, python2 -> python3 and helps us with further updates.

Infrastructure support and development - we're relying on aws for our basic infrastructure, initial pre-setup and management with ansible, monitoring with prometheus and grafana, ELK for log collection, gitlab-ce as internal git server and for CI, docker for everything.

There are some tricky things here, like testing in virtualized osx environment or usage of spot-instances.

Wargaming.net

5 years 8 months

Solutions Architect

May 2013 - November 2015 (2 years 7 months)

Belarus

Web Department, R&D group. See more details in Accomplishments section on bottom.

### Lead Software Developer

April 2010 - May 2013 (3 years 2 months)

Highload, fault-tolerant systems design and development (Python/Twisted, RabbitMQ, Erlang, Javascript and etc.).

Deployment and monitoring automation (puppet, fabric, zabbix, etc).

Troubleshooting, real time analysis and fixing on loaded production environments.

Check Accomplishments section below for more details about actual projects

### XIM

#### Python Developer

May 2009 - April 2010 (1 year)

I was a part of the outsourcing team for Slide (slide.com)

Python and JavaScript developer of outsourcing team. Entertainment applications for social networks such as MySpace, OpenSocial, and Facebook.

Stack: python/greenlets, jquery, Facebook API, a lot of internal stuff

### Zalp

#### Core Python Developer

January 2009 - December 2009 (1 year)

<http://www.zalp.eu> - enclosed startup project related to exchange predictions.

Role: a core developer.

Stack: python, django, twisted, sqlalchemy, rabbitmq, firefox plugins, R, postgresql, slony.

### SPN digital

#### Python Developer

September 2008 - May 2009 (9 months)

<http://spndigital.com> and <http://mobi.spn.by>

Different kinds of sms services (from scratch or +Twisted) and web interfaces for them (Django + AJAX based on jQuery).

The main difficulty was building stress-beared persistent daemons.

Stack: PostgreSQL, MySQL, Firebird, SVN, mercurial

### Belhard

#### Python Developer

October 2007 - September 2008 (1 year)

Kyriba.com project.

I was a part of sub-project about bank files translation from one format to another. The main difficulty was s the painful refactoring and reverse engineering.

Stack: python2, zope2, some php, and God knows what other old stuff was here.

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## Education

Belarussian State University

bsp, chemistry, farmaceutical chemistry · (2004 - 2009)