

# Andrey Antukh

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[github.com/niwinz](https://github.com/niwinz) | [github.com/funcool](https://github.com/funcool)

Software Engineer, specialized on full-stack web development. Highly interested in functional programming paradigms with valuable experience with Clojure(Script), JavaScript, Python and modern C++.

## ABOUT ME

I am a skilled software architect and highly creative individual, who prefers elegant design over quick hacks. I have frequently been praised for the speed at which I am able to spot neat and non-obvious solutions to difficult problems.

I am an active member of the Clojure and Python community and an advocate of functional programming, application security and data privacy. Having contributed patches to a bunch of open source projects and creator of few of them.

Highly proficient with Clojure(Script), JavaScript, Python and modern C++, among others. I relish the opportunity to learn new technologies and always research the appropriate tool for a job rather than restricting the task to what I already know.

Furthermore, I have valuable experience with:

- Traditional sql and nosql databases like postgresql, mysql, redis, among others, and using plus designing log based storage layers with techniques like Event-Sourcing and/or CQRS.
- Message based communication strategies with knowledge of RabbitMQ, nanomsg and zeromq.
- Performance tuning of the operating system, database and web server for heavy load and highly concurrent applications.

I have a keen interest in digital photography and traveling. Actually I'm living in Bulgaria.

## PROFESSIONAL WORK

### **KALEIDOS OPEN SOURCE S.L | SOFTWARE ENGINEER**

July 2010 – Present | Madrid, Spain

- Backend developer using python, django and related technologies.
- Frontend developer using ReactJS, Angular, Backbone among others.
- taiga.io (agile project management platform) founder and architect.

### **UNIVERSITY OF GIRONA | JUNIOR SOFTWARE ENGINEER**

Feb 2010 – Jun 2010 | Girona, Spain

- System administrator of the department
- Internal web application developer using python and django.

### **INTERCOM GIRONA | WORK-STUDY**

May 2008 – Dec 2009 | Girona, Spain

- Managing and maintaining DNS and Mail servers
- Configuring and installing new servers in the DC (data center).
- Experience in DC migration
- FreeBSD and OpenBSD operating system administration.

# OPEN SOURCE WORK

This is a fairly incomplete list of my opensource projects and contributions:

## **TAIGA.IO** (COAUTHOR, FOUNDER)

A open source agile project management platform.

Link: <https://github.com/taigaio>

## **CLOJURESCRIPT UNRAVELED** (COAUTHOR)

A open source book about ClojureScript

Link: <http://funcool.github.io/clojurescript-unraveled/>

## **BUDDY** (AUTHOR)

A complete security library for clojure including cryptographic api, high-level signing algorithms such as jws and jwe and password hashing.

Link: <https://github.com/funcool/buddy>

## **CATS** (COAUTHOR)

Category Theory and Algebraic abstractions for Clojure and ClojureScript. Is a home of research projects such as monads, applicatives, error handling, lenses, crdt's...

Link: <https://github.com/funcool/cats>

## **DJANGO-REDIS** (AUTHOR)

The defacto standard redis cache and access layer for django.

Link: <https://github.com/niwinz/django-redis>

## **CATACUMBA** (AUTHOR)

Is an asynchronous and non-blocking web toolkit for Clojure built on top of ratpack and netty and with design influenced by ring, pedestal and ratpack.

Link: <https://github.com/funcool/catacumba>

## **SURICATTA** (AUTHOR)

High level SQL toolkit for clojure (backed by jooq library)

Link: <https://github.com/funcool/suricatta>

Among other contrubutions like patches, ideas or code reviews to: Django Framework, Ratpack, Bouncy Castle, BabelJs, jOOQ, etc.

# OTHER SKILLS

## **LANGUAGES**

Spanish Native speaker

Russian Native speaker

Catalan Oral: excelent – Written: excelent

English Oral: fair – Written: good

## **LINKS**

Github [github.com/niwinz](https://github.com/niwinz)

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Twitter [twitter.com/niwinz](https://twitter.com/niwinz)

Web [www.niwi.nz](http://www.niwi.nz)