

# Wojtek Majewski Full-stack Engineer

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I am a passionate self-learner with broad range of interests, with 9 years of experience, a passion for clean and maintainable code, web technologies, frameworks and cloud services. I am always willing to learn new things and expand my horizons.

## Projects and companies

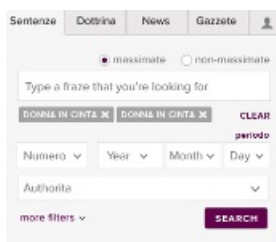
UpTick (<https://angel.co/uptick-gamified-mobile-daytrading>) June 2014 till now (as MONK contractor)

UpTick is iPhone daytrading application for Stocks and Forex. I joined UpTick team half-way. I was developing new features for JSON API in Rails 4.1 and Grape working closely with remote iOS team. I have implemented new financial data provider, parallel chart data downloading, lot of optimizations using Postgres functions and triggers, using memcache to cache what could be cached. Powered by clockwork and Sidekiq. Soon available in AppStore.

Ringpay (<http://ringpay.com/>) (pivoted to Charing (<http://charing.org/start/>)) February 2014 till May 2014 (as MONK contractor)

Ringpay started as Android application for small device-to-device payments. I was developing Rails 4.1 JSON API for mobile app from scratch. Using PostgreSQL and Redis. Worked closely with remote Android developer. Most challenging part was implementing additional layer of symmetric-key encryption of all transaction requests (done as a Rack middleware).

Sentenzitalia (<http://sentenzeitalia.it>) Maintaining and improving during my work at MONK



(img/sentenze-1.png)



(img/sentenze-2.png) (click for bigger pictures)

Sentenzitalia is Italian law documents search engine and aggregator. It was a legacy-code project that i have cleaned and refactored to deliver version 2 of the website. I have implemented document scraping from various sources (HTML, DOC, PDF, XML, RTF). We have used Elasticsearch as a search engine, and wrote an AngularJS single-page application to search and browse indexed documents. Version 2 is now during beta testing and will be available soon.

Trov (<http://www.trov.com/>) November 2013 till December 2013 (as MONK contractor)

Trov is mobile and desktop application for "collecting everything you own". I was responsible for covering existing code with tests, fixing bugs and helping team deliver final product on time. Frontend application was written with AngularJS and TypeScript. Backend used C# and ASP.NET. This was very interesting opportunity to know Microsoft web-application ecosystem, which was very different from what I had used before.

Bluetrace (<http://bluetrace.nl/>) August 2011 till January 2012

Bluetrace delivers bluetooth/wifi based marketing and data-collecting solutions. My job was to maintain legacy Rails 2.x application

(MySQL) and to improve software for bluetooth/wifi monitoring devices (Linux based). I have also improved the process by setting up CI server and using git as a protocol for bluetooth/wifi devices software updates.

**AKRA** (<http://akra.net>) January 2012 till December 2012

I was a Senior Rails Developer in Akra team. I was managing our staging servers using Chef. I have also paired with Junior programmers and was a leader in several Akra projects, including TurnYourTime (classified ads on map, pivoted to CleanAgents (<https://cleanagents.com/>)), ebookmakr (single-page Backbone applications for creating ebooks), our company intranet application for managing staff, WhatYouEat (social network for food lovers).

**Infakt.pl** (<http://infakt.pl>) June 2011 till July 2011

I was responsible for fixing bugs and refactoring legacy 2.x Rails invoicing application. I improved development process by setting up CI server and covering existing code with unit tests.

## PHP / ZendFramework experience

**X-Formation** (<https://www.x-formation.com/>)

I was responsible for implementing new features and managing PHPUnit test-suite for License Statistics application.

**bluepaprica** (<http://bluepaprica.com>)

I have developed few ecommerce sites and social network for musicians. Using ZendFramework 1, phpDoctrine ORM and PHPUnit.

**BOSS Computers** (<http://www.boss.net.pl/>)

I was responsible for managing company Linux server. I have also worked on integrating ERP systems for our clients.

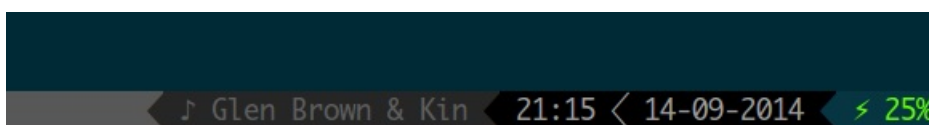
## Open source and other

Functional programming

```
(def base [
  :kick1 [6 _ _ _ _ 6 _ _ _ _ 6 _ _ _]
  :chat2 [_ _ 5 _ 5 _ _ 5 _ 5 _ _ 5 _]
  [_ _ 2 _ 2 _ _ 2 _ 2 _ _ 2 _]
  :csnare [_ _ _ _ _ _ 1 _ 1 _ _ _]
  :snare3 [_ _ 3 _ _ _ _ _ _ _ _ 3 _ _ _ _]
  :snare4 [_ _ _ 1 _ _ _ _ _ _ _ _ 1 _ _ _]
  :stab (->> [2 1 _] cycle (take 16))
  (let [up (->> 5 (iterate #(* 1.06 %)) (take 8))
        down (->> 3 (iterate #(* 0.98 %)) (take 8))]
    (interleave up down)
  )
])
```

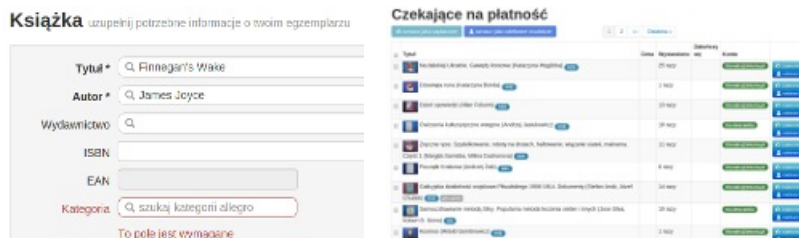
I am very interested in functional programming (especially Clojure (<http://clojure.org/>)). To learn a new language I have developed simple step sequencer using Overtone (<https://github.com/overtone/overtone>) (see the code: Breakage (<https://github.com/jumski/breakage>)).

Command line



I work only in commandline, using Tmux and VIM. To improve my work environment I have developed TmuxStatus ([https://github.com/jumski/tmux\\_status](https://github.com/jumski/tmux_status)), an object-oriented way to display information in Tmux status line. Code was test-driven using RSpec and designed around idea of segments (Composite design patter). I am using this tool all the time.

## Book selling application (work in progress)



**Książka** uzupełnij potrzebne informacje o swoim egzemplarzu

Tytuł \*

Autor \*

Wydawnictwo

ISBN

EAN

Kategoria

To pole jest wymagane

**Czekające na płatność**

Id	Tytuł	Cena	Ilość	Status
1	Annegarin's Wake	10.00	1	Wysłaż
2	Annegarin's Wake	10.00	1	Wysłaż
3	Annegarin's Wake	10.00	1	Wysłaż
4	Annegarin's Wake	10.00	1	Wysłaż
5	Annegarin's Wake	10.00	1	Wysłaż
6	Annegarin's Wake	10.00	1	Wysłaż
7	Annegarin's Wake	10.00	1	Wysłaż
8	Annegarin's Wake	10.00	1	Wysłaż
9	Annegarin's Wake	10.00	1	Wysłaż
10	Annegarin's Wake	10.00	1	Wysłaż

My girlfriend is selling books. I have implemented Rails 3.x application that helps her catalogue hundreds of books monthly. It integrates with polish auction site Allegro.pl via SOAP and manages 5000 auctions per month, pushing them to the auction site and pulling transaction details, adressess and payments. Integrated with barcode reader and barcode printer to easily catalogue lot of books.

## Technical skills

### Ruby On Rails

Shipping production code for more than 3 years. Pragmatic approach, knowledge of best practices and experience with decoupling application logic from the framework. Good understanding of OOP, lot of experience with writing automated tests.

### JavaScript

I know Backbone.js and AngularJS. I have lot of experience with async code. I prefer to use CoffeeScript but I know the JavaScript strong points and quirks

### Frontend

Familiar with Bootstrap, HTML5 and CSS. If possible, I use SASS in my projects.

### Databases

Experience with MySQL, PostgreSQL and Redis. I know when to move application logic to database using functions and triggers and I'm not scared of writing SQL queries by hand if appropriate. I have also used Elasticsearch as a search engine and data store.

### APIs and Cloud

I have implemented serveral APIs for mobile and web applications. I am familiar with REST, Amazon AWS, Heroku. I have experience with integrating legacy SOAP services.

### Linux

I work on Linux. I use VIM as my editor. I have lot of experience with maintaining Linux servers. Familiar with Chef, Docker and LogStash