Alexander Mankuta

Contacts

Web	pointless.one
E-mail	alex@pointless.one
Skype	alexander.mankuta

Skills

Operating Systems	**Mac OS X** — *advanced* **Linux** — *expert*
Development	**HTML** — *expert* **CSS** — *expert* **JavaScript** — *expert* **AJAX** — *expert* **JSON** — *expert* **Ruby** — *expert* **Ruby on Rails** — *expert* **Merb** — *advanced* **Sinatra** — *advanced* **RSpec** — *expert* **Cucumber** — *advanced* **User Interface Design** — *advanced* **Web Design** — *advanced* **PHP** — *advanced* **Mozilla Platform** — *advanced* **UNIX Shell Scripting** — *expert* **Rust** — *beginner* **Docker** — *advanced*
Databases	**PostgreSQL** — *expert* **MySQL** — *advanced* **SQLite** — *advanced*
Languages	**English** — *ESOL Level 2 (FCE Grade A)* **Russian** — *fluent* **Ukrainian** — *native*
Superpowers	**Telepathy** — *ability to implement complex, one line description features*

Experience

Scribd Inc.	**Software Engineer**
	Jul 2018 — now
Technologies	Ruby, MySql, Redis, Sidekiq

Scribd provides monthly access to books, audiobooks, news, magazines, and documents.

I'm part of the Internal Tools Team.

Code Climate Inc.	**Software Engineer**
	Dec 2016 — Jan 2018
Technologies	Ruby, HTML, CSS, JavaScript, Docker, Python, PHP, Java, Go

Code Climate provides world leading code quality analysis solutions.

I worked on different parts of the product mostly focusing on analysis engines maintenance and CLI tools. Most of the work is Open Source but I also worked on some internal tools and proprietary parts of the product.

DVELP Ltd	**Software Engineer**
	Jan 2016 — Dec 2016
Technologies	Ruby on Rails, PostgreSQL, HTML5/CSS3, JavaScript, Heroku, Google Analytics API, Twitter API, Facebook Graph API, Instagram API, Stripe API, Braintree API

DVELP is a London-based web development shop. They have quite a few clients small and big with a broad range of requirements.

I worked mostly on back-end. I did business analysis, requirements assessment and come up with solutions. Architecture and implementation of business logic were among my responsibilities. I sometimes did front-end work as well.

Smart Pension Ltd	**Software Engineer**
	Sep 2015 — Nov 2015
Technologies	Ruby on Rails, MySQL, HTML5/CSS3, JavaScript, CoffeeScript

The company helps businesses easily comply with government regulations on employee pension enrollment. The process is complex and riddled with many nuanced requirements.

I focused on the development of the main product. It involved both back-end and front-end development. Back end is a set of intertwined microservices and APIs.

Leadformance	**Senior Developer**
	Mar 2014 — Aug 2015
Technologies	Ruby on Rails, PostgreSQL, Liquid, HTML5/CSS3, JavaScript, Redis, Varnish, Linux

The main product of the company is called Bridge. It's a service that lets bring easily hundreds of brick and mortar stores online letting customers easily find the closest one and all the essential information about it.

My focus was back-end development and maintenance of legacy code. I greatly contributed towards code quality, stability, and performance improvements. I refactored a few parts of the application to massively improve UX.

Conjune LLC	**Team Lead**
	Jun 2013 — Mar 2014
Technologies	Ruby on Rails, PostgreSQL, HTML5/CSS3, JavaScript, PayPal, Skrill, XMPP, Linux

Stealth mode start up.

Re-Mondes/Groupees	**Rails Developer**
	Nov 2010 — Jun 2013
Technologies	Ruby on Rails, PostgreSQL, Redis, Server-Sent Events, HTML5/CSS3, JavaScript, FFMPEG, BitTorrent, PayPal, Google Checkout, Amazon Payments, Linux

Groupees is a digital content store. It specializes in flash sales of bundles of games and music. Almost all sales have a cut for charities. Most sales are Pay What You Want. It's a Rails application with a strict requirements on stability and performance under high load. Application can handle high loads using relatively little resources.

This application have been extracted from Yawma. In the process of extraction app undergone a massive refactoring. After that many new features have been added. A few new payment options, BitTorrent file distribution and advanced caching on the view and model levels. Many tasks have been moved into background. For example, music previews generation and album packaging do not block request cycle. Over two years app undergone two major UI redesigns.

Re-Mondes/Yawma	**Rails Developer**
	Oct 2010 — Oct 2011
Technologies	Ruby on Rails, PostgreSQL, FFMPEG, PayPal, Amazon Payments, Linux

Yawma is a digital content store. Its content was mainly composed of indie music and games but from time to time pretty big names in music industry did limited time sales there too. The app was community orientated. Besides the store itself there was rather active forums section.

The project is discontinued.

DataXu	**Rails Developer**
	Mar 2010 — Oct 2010
Technologies	Ruby on Rails, Merb, PostgreSQL, HTML/CSS, JavaScript, SVG, Amazon EC2

DataXu is a real-time advertising analytics company. They have very powerful technologies under the hood. I worked on the client facing front end part.

I worked on inherited Merb app. Mainly maintenance but implemented a few small new features. Later it was reimplemented on Rails. Application was sort of a dashboard. Its purpose was to present aggregated data in a nice way. I constructed massive SQL queries and implemented reach client side data presentation. The data also could be be exported in CSV, XLS and PDF.

Vestify	**Rails developer**
	Sep 2009 — Jun 2010
Technologies	Ruby on Rails, JavaScript, PostgreSQL, Solr, Linux

Vestify is a crowd funding project. It was done with Ruby on Rails and some JavaScript. It had many of the features of social networks like following, activity feeds and messaging. Besides that it had rather complex crowd funding functionality. The whole set of features have been developed to the production polish in the course of just four months.

Unfortunately, this project haven't been launched into production for non-technical reasons.

We Do Creative	**Technical Director**
	Sep 2008 — Mar 2009
Technologies	Ruby on Rails 2.3, PHP, Ruby, JavaScript, PostgreSQL, MySQL, Atom/RSS, Linux

WDC was a UK based web shop. I did there some PHP work for clients as well as some Rails.

Unwrapp	**Lead Developer**
	Sep 2008 — Mar 2009
Technologies	Ruby on Rails 2.3, JavaScript, PostgreSQL

Unwrapp was an app directory with some pretty interesting social elements. It was reviewed on TechCrunch and GigaOm when it was in private beta.

App featured many social aspects such as following and activity feeds.

Unfortunately it didn't make it to the public release. I hope it will be resurrected some day.

rPath	**Linux Developer/QA Engineer**
	Oct 2007 — Nov 2007
Technologies	Ruby, Rake, Python, rPath Linux, Virtualization

rPath Linux is a pretty neat distro. They have really advanced package manager and image build system. I worked on tests automatization and quality assurance. Rake and Ruby was used for that.

Railsware	**Rails Developer and System Administrator**
	Jun 2007 — Oct 2007
Technologies	Ruby on Rails, HTML, CSS, JavaScript, Flash, FFMPEG, PostgreSQL, Streaming

Railsware is a web shop specialized in Ruby on Rails. I worked on AudioSouk project at that time. It was supposed to be an audio guide marketplace for travelers. Core features were upload of audio files, normalization/optimization of them and presentation for customers to choose and buy.

Unfortunately it didn't make it to public release.

Firejuice	**Web developer**
	Dec 2006 — May 2007
Technologies	PHP, MySQL, HTML/CSS, JavaScript

Firejuice was a pretty big development company. They did mostly web development with a variety on technologies such as PHP, Java, and .NET. I was working on PHP projects. I took my part in development of their CMS/site boilerplate. Also among others I was working on projects for such clients as Healix, Mitsubishi Motors Ukraine, Illuminator Film Service, and Golden Gate Pub.

ITMarketing	**System architect and Lead developer**
	Feb 2006 — Dec 2006
Technologies	PHP, MySQL, JavaScript, Mozilla Platform, XUL, XPCOM, Linux

ITMarketing is a web shop. They mostly do client work. But they have a bunch of nice tools for internal use. I worked on a SEO tool. It was a Firefox extension. So I've been working with some really powerful technologies such as XPCOM, XUL, and some hardcore JS on top of that and PHP on the back end.

Della Trans	**Developer, Automatization Engineer**
	Apr 2004 — Nov 2005
Technologies	Delphi, PHP, MySQL, HTML/CSS, JavaScript, Linux, FreeBSD

Della is a leading Ukrainian logistics company. I worked on a few projects devoted to increase personnel productivity, decrease costs of running business, and improve workflow in general. These projects were based on a variety of technologies such as Delphi, PHP, MySQL, and Linux.

Among many interesting projects was MySQL database replication. At that time MySQL didn't support replication out of the box. I developed custom MySQL driver and protocol to replicate DB between about 100 machines in real time.

Education

NTU "KPI"	**Computer Science**
	Sep 2004 — Jun 2009
	Unfinished
NTU "KPI"	**Compositional Materials, Powder Metallurgy and Surfaces**
	Sep 2002 — Jun 2004
	Unfinished