Curriculum Vitae

Personal info, contact info

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Experience

- Developing applications (web and non-web) since 2006
- Good grasp of theoretical and practical aspects of programming (for example, I know what O- notation is, how to use it and when not to use it)
- Making architectural design decisions for both greenfield projects and already existing megaliths of code
- My primary focus is backend development, but I wear different hats, when it is necessary

Technologies

This section contains languages and technologies I consider myself skilled in.

Primary

- Ruby (since 2008)
  - Rails 2, Rails 3, Rails 4
  - Sinatra, Grape
  - EventMachine
  - RSpec
  - Countless ORM-s and libraries
  - GraphQL backend
- SQL and RDBMS (SQLite, MySQL and PostgreSQL)
- Elasticsearch, Solr, Sphinx
- git

Secondary

- Haml, Sass, HTML, CSS
- Salesforce API
- Javascript
  - Fairly proficient with: react.js, jquery, Coffeescript
  - Less proficient with: Angular.js (v1), Node, Express.js
- OS X, Linux administration
- Chef
- Machine learning basics

Work experience

Senior software developer, chloeandisabel.com

2015–2018

Technologies: ruby on rails, graphql, react, mysql, elasticsearch, amazon web services (s3, cloudfront), salesforce api

- Salesforce integration
  - Authored a bidirectional salesforce sync integration library
- International shipping project
  - Integrated internal shopping backend (inventory management, shipping, bookkeeping) with the flow.io shipping and payment solution. Significant changes to internal systems to allow for international support
- Backend architecture and implementation for an MLM-like compensation structure
  - Core internal business system serving and paying approximately 20000 merchandisers. Backbone for many internal analytics services, dashboards and public facing UIs
  - Did the architectural design and implementation for quite a complex hierarchical scheme. Some technical details are in my blog post. Also, a ruby gem for RDBMS-backed trees with time-travelling capabilities came out of this
  - Planned and executed a two-phase zero-downtime switch from the old compensation system to the new one (with appropriate failsafes, which we didn't have to use, though)

Senior software developer, brandspotter.ru

Technologies: ruby on rails (with a touch of grape, sinatra and padrino), mysql, solr (switched to elasticsearch later), most social network apis

2011–2015

- Content retrieval subsystem development
    - Data miners for various social networks APIs (vk.com, facebook.com, twitter.com, instagram.com, etc)
    - Crawlers for sites without public API
    - Search and stats server, IPC infrastructure

Senior software developer, mirpokera.com

Technologies: ruby on rails, jquery, mootools, mysql, sphinx

2010–2011

- Development
    - Supporting existing code base for mirpokera.com
    - Writing new grabbers for various rakeback / referal program providers
    - Creating a new video server for user video upload
- Servers administration

Senior software developer, grindmonster.com

Technologies: ruby on rails, mootools, mysql

2011

- Full stack development from ground up
- Administration, deployment, et cetera

Software developer, play-me.ru

Technologies: ruby on rails, jquery, postgres

2009–2010

Open Source

- https://github.com/markiz — my personal repository, mostly sandbox for new projects or testing new technologies, but also some bugfixes for libraries we used
    - harvester — HTML parser generator DSL
- draisine — Salesforce sync library
- temporalis — temporal-aware trees persisted in RDBMS
- https://github.com/jsus — «organization account» containing:
    - jsus — javascript packager (capable of dependency resolving, compression and post-processing)
    - murdoc — small code documentation tool
- Took part in amqp-ruby project, my biggest contribution to it was an RSpec addon for asynchronous testing called evented-spec