Alexandr Korsak

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Interests

- Software Development using the latest edge of the technologies like Ruby, NodeJS, Elixir, Python, Scala, Golang and expanding my skills in DevOps like Ansible, Vagrant, Docker.

- Increasing knowledge in Apache Spark, Hive, Hadoop for processing Big Data that comes from the advertisement platforms, learning recommendation engines and approaches.

Work Experience

- **Blastworks**

  Software Developer, 2015 - current

  - Developing servers for provision and deploy clusters using Golang, Ansible, Python modules to support EMR clusters.
  - Build tools using Python for ETL
  - Dockerization of our tools for easy testing before deployment to production env.
  - Ruby for making tools and test cases for Apache Hive, Logstash, ElasticSearch
  - Developing Spark streaming jobs for processing analytics that's coming from Kafka and CDN.
  - Developing JavaScript(NodeJS) libraries for using for analytics and recommendations from web sites.

- **GameHouse**

  Software Developer, 2012 - 2015

  - Team and Tech Lead of Ruby and JavaScript developers.
  - Developing the application using Ruby on Rails, NodeJS, MongoDB, Redis, AngularJS.

- – Working on the deployments tasks. Learning Ansible and Docker for building container based hosts.
  - – Developing the advertisement platform for the mobile devices.
  - – Brainstorm and prototype the new approach for some parts of the application.
  - – Writing specs and cucumber scenarios for integration tests for our API endpoints.

- **Musicfeed**

  Co-founder of http://musicfeed.co . iOS application for getting suggestions based on facebook feeds and user's friends. Aggregator is working with Soundcloud, YouTube, Spotify, Mixcloud and other providers.

  Technologies:

  - – Ruby for intercommunication between music services and aggregator of feeds
  - – Elixir for aggregating and crawling feeds using Facebook graph api.
  - – RabbitMQ for communication between Ruby and Elixir.
  - – PostgreSQL, Redis, ElasticSearch

- **Yardstick**

  Software Developer, 2011 - 2014

  - – Working on the Learning Management System
  - – Developing using Ruby on Rails, PostgreSQL, MongoDB, Redis, ElasticSearch, AngularJS, Unit Tests, RSpec.
  - – Developing front end for the learners and teachers using AngularJS.
  - – Writing RSpec, Unit Tests(red - green - refactor)

- **TheHamon**

  Co-founder, Software Developer, 2011 - 2012

  - – Team Lead of Ruby and JavaScript developers and QA.
  - – Working on the Risk Management Application
  - – Developing front end and server side applications using Ruby on Rails, MySQL, Redis, BackboneJS, RSpec, Cucumber
  - – Writing Cucumber scenarios for getting approve from the client before to start the development process.
  - – Pairing with the team mates using Pomodoro Technique

- **Monterosa**

  Software Developer, May 2011 - November 2011

  - – Developing the backend for the realtime tv show games.
  - – Prototyping using Ruby on Rails, JavaScript, MySQL, Memcached.

- **Belitsoft**

Software Developer, 2009 - 2011

- Developing the SharePoint 2007/2010 and .NET standalone applications.
- Working with JavaScript and C# for customizing SharePoint components.

- **Itransition**

  Ruby / SharePoint Developer, 2007 - 2009

  - As a Ruby developer I was working on the Facebook applications and small projects similiar to groupon.com. Using Ruby on Rails, MySQL.
  - As a SharePoint developer we were working in the big team on the complex document oriented system based on Microsoft SharePont 2007.

Education

- **Belarussian State of Informatics and Radioelectronics**

  B.S. in Computer Science, May 2010

Skills

- Ruby (Sinatra, Grape, Ruby on Rails 2-4), NodeJS, Elixir, AngularJS, MongoDB, PostgreSQL, ElasticSearch, Apache Hive, Hadoop, Amazon Services, Ansible, Logstash, Docker

- Apache Spark, Hadoop, Hive, Sqoop

- Amazon EMR for deploying steps like Apache Streaming jobs, hadoop and hive solutions.

- TDD in Ruby, NodeJS, Python, Scala

- Tmux / Emacs / Vim