Stepan Filatov

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Employment:

Software Engineer 2	**Microsoft** (Skype division)	**August 2013 – present**

- Currently one of core contributors to design and implementation of **Skype cloud media platform**. Built on top of Azure cloud infrastructure to speed up development of media features for Skype, Skype for Business, Skype Qik and other apps. (C#, .NET, Azure)
- Built resilient and fault tolerant version of **chat url preview service** on top of Azure cloud. It allow to preview any links shared by user in chat. Re-designed to support custom processing logic for some websites.
- Implemented **emoticons storage service** for emoticons, video emoji (Moji), stickers, paid emoticons packs distribution. **Auth. gateway service** to protect video emoticons (Mojis) content on emoticons storage by authentication. **API service** to support consistent updates of emoticons storage content from internal CMS.
- **Optimized emoticons storage traffic by 10%** implementing custom caching rules, http compression on CDN.
- Implemented **media distribution service** as part of cloud media platform to support transferring media content between skype users: pictures, videos, audio messages, file sharing, call recordings.

Software Engineer 2	**Microsoft** (Skype division), **Qik.com**	**Oct 2011 – July 2013**

- Implemented **Skype video message frontend** to allow viewing of video messages by skype users (Javascript).
- Implemented **SkypeCam gallery web app.** for viewing all images shared by SkypeCam users (Javascript).
- Optimized CPU consumption by 30% for slf4j and syslog logging in Java streaming component of Qik.com (Java).
- Implemented load testing tool to identify edge media component performance bottlenecks (Erlang, Tsung)
- Implemented **friend suggestions** in Qik.com web site using Sphinx search engine (Ruby on Rails).
- Improved media file upload in Qik.com web site migrating from attachment_fu to carrierwave (Ruby on Rails).

Senior Ruby Developer	**Cloud Castle LLC, Samara**	**March 2010 – Oct 2011**

- Implementation of several web applications **player.muzak.com** (audio transcoding and player), **virtualracebags.com** (coupon service), **highlinesale.com** (car auction), **xceleration.igniteb2b.com** (employee reward system) (Ruby on Rails, jQuery, RSpec, Postgres, Mysql, Redis)
- Design and implementation of cost analysis and discount service for UPS, Fedex business users (Rails, Postgres)

Senior Software Developer	**Mercury Development LLC, Samara**	**March 2007 –Feb 2010**

- Lead team of Java developers for web and Android software development projects
- Implemented reporting system, credit card processing system, POS terminal, printer drivers for distributed garage parking automation app (Java)
- Design and implementation of real estate listings aggregation service Borran LMS (Java)
- Ported iPhone app universal remote Bobby Cremote to Android (Java)
- IR command proxy server for Bobby Cremote mobile app (Java)

Languages and Technologies:

Ruby on Rails, Ruby, JRuby, Java, Groovy, Netty, Servlets, Hibernate, Spring, GWT, Swing, C#, ASP.NET, Javascript, jQuery, Backbone.js, Node.js, Android

Sublime, Intelij IDEA, Visual Studio, RubyMine, Vim, Team City, Jenkins, Quickbuild, JIRA, Visual Studio Online

Nginx, Passenger, Tomcat, IIS, https.sys

Ubuntu, Windows Server, Microsoft Azure, Amazon Web Services, Chef, Docker, Vagrant

Postgres, Mysql, Azure Storage, Redis, Memcached, Amazon S3

Education:

2003 - 2009 - **Samara State Aerospace University**, MSc, Applied Math., Computer science. Image processing. Graduated with honors.