



# Mikhail Surin

*Software Engineer*

## Education

2002–2008 **Theoretical Physics**, *Ural State Technical University, Ekaterinburg, Engineer.*

2012 **Mobile Applications Development**, *Ural State Technical University, Ekaterinburg.*

Mobile applications development with HTML and javascript.

## Master thesis

title *Research for electronic structure and magnetic state of mid-5f actinide metals*

supervisors A.O. Shorikov, L.F. Gavrilov, Yu.V. Egorov

description Electronic and magnetic state calculations for mid-5f actinide metals using LDA+U+SO method

## Experience

### Vocational

2014– **Senior Software Engineer**, *Yandex, Moscow.*

Yandex.Tickets

Java, Spring MVC, MongoDB

Detailed achievements:

- Ability to import hall schemes from Sketch/Photoshop/Adobe Illustrator;
- Integration with show and theatre tickets providers;

2013–2014 **Software Engineer**, *Yandex, Moscow.*

Yandex.Tickets.

Java, Spring MVC, MongoDB

Detailed achievements:

- Development of initial service architecture:
  - Selected database;
  - Developed structure of API;
  - Developed managers admin panel;
- Integration with cinema tickets providers

2012–2013 **Software Engineer**, *Rambler, Moscow.*

Rambler-Kassa

ASP.NET MVC, MSSQL, javascript

2012 **Developer**, *McLeod Software*, Ekaterinburg.  
ASP.net based application <http://www.mcleodsoftware.com/>  
ASP.NET, VB, javascript, MSSQL

2011-2012 **Team Lead**, *WebTeam*, Ekaterinburg.  
ASP.net based application development  
ASP.NET MVC, NHibernate, MSSQL, MongoDB

Detailed achievements:

- Development of web application from the beginning:
  - Selected database;
  - Implemented caching;
  - Developed Web application;
  - Developed managers admin panel;
- Integration with Facebook graph
  - Parse list of friends;
  - Compose graph of relationships;
  - Calculate distance from person to insight in desired company;

2010-2012 **Web Developer**, *Yaxon*, Ekaterinburg.  
ASP.net based application of multi-domain jobboard  
ASP.NET, NHibernate, Lucene, Solr, javascript

Detailed achievements:

- Cross-domain authorization
- SOLR-based Full-text search
- Migration from ASP.net WebPages to ASP.net MVC
- Embeddable widgets with job openings for external websites

2008-2010 **Developer**, *eConsortian*, Ekaterinburg.  
ASP.net based applications development  
.NET, MSSQL, javascript, ActionScript, Wowza

Projects:

- ArtBanc. [www.arcbanc.com](http://www.arcbanc.com)
- StoryPalz. [www.storypalz.com](http://www.storypalz.com)
- PointHR. [www.pointhr.com](http://www.pointhr.com)
- DeliveryMaxx. [www.deliverymaxx.com](http://www.deliverymaxx.com)

2006-2010 **System Administrator**, *Technotel*, Ekaterinburg.  
Network support for gas-turbine power plant

### Miscellaneous

2008–2015 **Freelance developer**.

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## Languages

Russian Native speaker  
English Upper-intermediate  
French Basic

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## Programming Languages

Java	Expert	2 years
C#	Expert	10 years
Javascript	Intermediate	10 years
CSS	Intermediate	10 years
Actionscript 3.0	Intermediate	3 years
PHP	Basic	
Ruby	Basic	
Python	Basic	

## Frameworks and Technologies

Java	Spring, JAX-WS, Jetty, Jersey, Grizzly, Guice, log4j, Hibernate	PHP	Symphony, Yii
C#	.NET, NHibernate, Entity Framework	Ruby	Ruby on rails
Javascript	jQuery, Bootstrap, node.js	Python	Django, Flask
CSS	LESS, SASS	SQL	MSSQL, PostgreSQL
NoSQL	MongoDB, Riak, Redis, Memcached	Other	Docker, Gradle, Ant

## Interests

Volleyball	Playing 3 times a week
Mind games	Jeopardy etc.
Music	Classic rock-n-roll, 60s', 70s'

## Publications

- [1] A. O. Shorikov V. I. Anisimov A. N. Voloshinskii A. V. Lukoyanov E. S. Koneva A. A. Povzner Yu. Yu. Tsiovkin, M. A. Korotin and M. A. Surin. Calculation of temperature dependence of electrical resistivity in the transuranium metals and their alloys. *Phys. Rev. B*, 76, 2007. 075119-075129.