**Current Location: New York, NY (open to relocation)**

**Work Status: Green Card**

**Summary**

 More than 16 years of experience in application design/development/deployment

* More than 13 years of experience in application design/development/deployment
* 10 years Java Development (Core, Spring, J2EE)
* 2 years scripting experience (Bash, Groovy, Python)
* 3 years CI/CD (Jenkins, Teamcity, Nexus, Docker, Vagrant, Chef, Sonar, Maven, Gradle, Ant, SVN, CVS, Perforce, RTC, Git, Mercurial)
* 2 years Big Data (HDFS, Pig, Spark, Hive, Hbase, Kafka, Flume, Sqoop, Dynamo Db)
* 8 years Javascript (AngularJS, DOJO, JQuery, Node.js)
* 2 years cloud (AWS, GS AppCloud)
* 2 years microservices (Zookeeper)

**EXPERIENCE:**

**Position: Sr Developer 01/2017–…**

**Company: Bank of America**

**Location: New York, NY**

• Developing data pipelines for data analytics (multi dimensional aggregations, matching trades, anomaly detection) using AMPS, Akka, Kafka, Spark, Druid

• Build CD from using Gradle, BitBucket Jenkins DSL, Ansible Tower, SBT

• Setup real-time monitoring of log files and processes, message queues, connection pools

• Setting up Akka, Druid integration with Cassandra for snapshot, journal and Deep storage

• Administering Redis cluster, productionized Kafka deployment

**Environment:**

AKKA(Streams, http, cluster, remoting, sharding), Scala, Scalatra, Scalatest, Scalactic, Kafka, Sybase ASE, Cucumber, Lucene, Cassandra, Redis, Kafka (Connect, Streams) 2.1, Spark 2.1.2, Ansible 2.1, Apache Druid

**Position: Lead Developer 09/2015–11/2016**

**Company: Goldman Sachs**

**Location: New York, NY**

• Worked on Big Data Logging System; Flume agents consuming data from Kafka, using custom transformation sink into ElasticSearch

• Led POCs for long term storage to Hbase

• Spark streaming from Kafka into Data Lake (Hbase, Spark)

• Involved in development of web portal displaying data from Data Lake (HBase, Spring Boot, Angular JS, Bootstrap)

• Responsible for CI/CD (Jenkins/Nexus) and automated testing using custom framework

• Migration from Vagrant/Chef to Docker (Swarm, Compose)

• Built REST wrapper to for Kafka cluster (list brokers, topics, consumers, messages, offsets, lags, publish messages) – Spring Boot, AngularJS

**Environment:**

Java 8, Kafka 0.8.2, Sybase ASE, Git, REST, Angular JS, Jenkins, Spark, Spring Boot, Vargant, Docker, Zookeeper, Nagios, Gradle, Codahale, Fitnesse, ELK, Kerberos, SSL

**Position: Team Leader 07/2014 –09/2015**

**Company: Pershing LLC (BNY Mellon company)**

**Location: New York, NY**

Lead a team of five developers on multiple tasks;

• CI/CD, test automation of trading system

• Build an i18n system to submit/retrieve data from RTC/Oracle to translation vendor

• Adaptation of responsive UI (Bootstrap, wURFL, HTML5, CSS3)

• Developing Liferay hooks, portlets in Scala

• Refactoring/redesigning of the system

• Production support; monitoring, logs, telemetry data (Dynatrace, Splunk)

**Environment:**

Redhat Enterprise, Tomcat 7, Dynatrace, Splunk, Cassandra, Eclipse 3.6, IBM RTC, Maven, Liferay 6.1-6.2, Spring, Scala, REST, Node.js, MongoDB

**Position: Lead Developer 07/2011 –1/2014**

**Company: Comtek**

**Client: Nokia**

**Location: Chicago, Il**

• Developed Groovy scripts for various JIRA administration tasks (db updates, email notifications,..)

• Led migration of clustered GIS system (Tomcat/Postgres) to AWS (Dynamo/EC2/Lambda)

• Implemented a number of Grails web applications (interactive office maps, analytics from Tableau)

**Environment:** AWS(EC2, DynamoDb, S3, Lambda)**,** ESRI, Bamboo, Tomcat 6.0, PostgreSQL, Oracle 11g, neo4j, Mercurial, Maven, Atlassian SDK, AWS SDK, Spring, Groovy/Grails, SOAP, REST, GWT, Git

**Position: Lead Developer 04/2011 –07/2012**

**Company: Comtek**

**Client: Corbett Accel Healthcare Group**

**Location: Chicago, Il**

Worked as independent developer to transform business requirements for clinical trials into technical solutions;

• Administering production servers (CentOS, Sendmail, Apache, Tomcat, SSL, Postgres)

• Developed full text search system using Solr, indexing PDF and Word documents

• Designed and implemented a solution for generating daily reports, charts (Apache POI, JChart, Itext)

• Build CI from scratch (Jenkins, Nexus, Maven, Puppet, Vmware, Vagrant)

• Customization of GWT-based UI

• Involved in administration and clusterization of Liferay and migration to Liferay 6.0

**Environment:** Liferay(5.2-6.0), Tomcat 6, MySql, GWT, Maven, Spring (Core, Security), SVN, Solr, Teamcity, Ubuntu 9

**Position: Solutions Architect 03/2009 – 11/2011**

**Company: Pronto Moscow**

**Location: Moscow**

• Lead development of a web platform for online shopping based on Liferay 5.2 and Konakart

• Implemented web forms for processing and displaying Oracle data using JSF

• Created and deployed EJB based solution (entity and session beans) as an external subsystem

• Involved in development of an IPhone/Blackberry application and a RESTfull web services for communicating with server-side application (application at BlackBerry App World –

<http://appworld.blackberry.com/webstore/content/37671?lang=en>). Installed and configured Blackberry QNX OS and SnowLeopard OS using VmWare Player

• Installation/configuration of development tools and software on VMs (RHEL, Teamcity, Nexus, Jira, Confluence, Subversion, Mysql, Glassfish, etc..)

**Environment:** Spring(Core, MVC), IBatis, Swing, JSF(RichFaces), MsSql, WebSphere AS, Tomcat, JTest, Teamcity, OSX Snow Leopard, Xcode IDE, Blackberry JDE, Oracle 10g, ESRI

**Client: The Home Depot 12/2008 –02/2009**

**Position: Lead Java Developer**

**Company: Queplix**

**Location: Moscow**

• Involved in CRM system development (maintenance and developing new features)

• Migration of CRM system based on WebSpere AppServer and DB2 UDB to JBoss App Server and Oracle DB, SQL queries, EJBsand storded procedures(PL/SQL)

**Environment:** GWT, JBoss AppServer 4.0, Oracle DB 10g, WebSphere AS 6.1, DB2 UDB 9.5

**Position: Java Senior Developer 11/2007 – 12/2008**

**Company: Headhunter.ru**

**Location: Moscow**

• Involved in web site development, including redesign and update of core subsystems (search engine,security), redesigning db tables, Maven scripts, server configs, crontab tasks

• Optimizing Lucene engine for resume search

• SCRUM methodology – participated in architectural board,everyday stand up meetings, TDD

• Involved in design and implementation of billing subsystem

• Developed caching solution using EhCache and Hibernate

• Developed interface for sending sms notifications using SMPP protocol

• Involved in implementation of location search subsystem using Google Maps API

**Environment**: Spring (Core, MVC, Batch), Lucene, Hibernate, XML, JSF, MySql, Resin, Memcached, EhCache, JQuery, SVN, Maven

**Client: Monster.com 1/2007 –9/2007**

**Position: Senior Java Developer**

**Company: Comtek**

**Location: Chicago, Il**

• Working in a team of 4 developers implemented traffic monetization system. Developing both on Front-End (JS, CSS, HTML, Struts) and Back-End (Hibernate, Spring).

• Organized and maintained deployment process for WebLogic Server used during development (including server installation, Ant build script creation)

• Involved in the requirements analysis, database design, class structure design, coding, debugging and support development phases using UML(class,sequence diagramms).

• XP approach – every day participated in brainstorming sessions with team members, pair programming, test cases and automated testing after each iteration(Junit).

• Design web pages layout, write code to interact with servlet-driven back-end components.

• Code various validations and checks to be performed at the client side using JavaScript.

• Implemented MDB for asynchronous updates of Oracle DB

• Developed PL/SQL procedures to parse/generate xml documentsfrom/to back-end

**Environment**: Spring, Hibernate, Struts, AJAX, Oracle DB, PL/SQL, Weblogic 9.2, Linux Redhat, Perforce, JQuery, JUnit, Cactus, XML, XSLT

**Client: Boeing Inc: 1/2005-12/2005**

**Position: Team Leader**

**Company: Luxoft**

**Location: Moscow**

A web-based system for searching and managing documents.

• Designed and implemented GUI using Struts, CSS and JavaScript.

• Created and configured environments for testing and demonstration.

• Involved in on-site support and consulting in Seattle

• Implemented application framework using Spring

• Participated in teleconferences to define and specify users requirements.

• Developed JDBC wrapper used to execute queries against Oracle DB server

**Environment**:WebSphere AS, Struts, Oracle 9, Spring, ClearCase, Ant, MS Project 2000, JUnit, Erwin.

**Client: VSK (insurance company): 4/2004-12/2004**

**Position: Senior Developer/Architect**

**Company: CSBI**

**Location: Moscow**

Designed and developed Request/Reply system, based on JMS technology for sending/receiving XML messages and parsing them to store data in database. Roughly 80 clients were to exchange messages with one main server through asynchronous P2P queue messaging.

• Installed, administered and tuned for the best performance sonicMq and related services

• Developed T-SQL procedures to add,uipdate and extract data from MS SQL Server.

• Developed GUI forms in C#, Swing and VB.Net for interacting through SonicMq.

• Developed subsystem for storing and updating images from the DB using Java 2D imaging

**Environment**: MS .NET (C#, VB6, VB.Net, ADO.NET), C++, Swing, MS SQL Server 2000, SonicMq, JMS,XML,XSLT

**Client: Alfa Bank: 5/2003-2/2004**

**Position: Senior Developer**

**Company: CSBI**

**Location: Moscow**

• Designed and developed web engine for updating and displaying daily reports using Java Servlets, Portlets, JSP, XML, and JavaScript.

• Developed and deployed cmp ejbs for interacting with report building tool Actuate.

• Coded daily calculations and business logic.

• Wrote technical and functional specifications as well as UML diagrams (class /sequence)

**Environment**: DB2 7.1, AS/400, Hibernate,Websphere, Jboss, Cloudscape, JBuilder, VSS, JUnit

**EDUCATION:**

2002 MS in Engineering, Moscow State Technology University “STANKIN”, Moscow, Russia

Attended courses: Java-Developer at MIPT, Blackberry Workshop (RIM UK)

**CERTIFICATIONS:**

SUN CERTIFIED PROGRAMMER FOR THE JAVA 2 PLATFORM 1.4

SUN CERTIFIED ENTERPRISE ARCHITECT FOR THE JAVA 2 PLATFORM, ENTERPRISE EDITION

IBM Certified Solutions Expert - DB2 UDB 7 Database Administration for UNIX Windows and OS/2

AWS Certified Solutions Architect - Associate