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\paperheight            794.9700pt    27.9400cm
\paperwidth             614.2950pt    21.5900cm
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\topspace                66.9106pt     2.3516cm
\backspace               73.1312pt     2.5703cm
\makeupheight           669.1669pt    23.5185cm
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\bodyfontsize             9.0000pt     0.3163cm
\lineheight              10.8644pt     0.3818cm

\strutheightfactor              .72
\strutdepthfactor               .28
\topskipfactor                  1.0
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Evgeniy N. Sharapov

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in linkedin/in/evgeniysharapov
⊙ github/evgeniysharapov
ⓑ bitbucket/evgeniysharapov
⬚ stackoverflow/evgeniysharapov

RELEVANT EXPERIENCE

Avanade — Raleigh, NC
Senior Consultant — Aug, 2014 –

Fullstack design and development of a platform for building and configuring applications for life insurance business arm of Metlife in Japan. Main objective configurability and ease of use for customers as well as reliability and security. Major involvement in deployment process using Docker, Jenkins and Azure services

StoneRiver, Inc — Orlando, FL
Sr. Software Development Engineer — Apr, 2013 – Aug, 2014

Support and development of the software product for mid-size workers comp insurance companies. Fullstack development on Java, AS/400 and JBoss/Wildfly platforms. Customer support and customization. Test and release process using automation tools.

Click2Interact — Orlando, FL
Developer — Sep, 2012 – Jan, 2013

Design and implementation of teacher-parent communication applicaiton for pre-schools. Fullstack development using Ruby on Rails framework, JavaScript and Clojure.

Prognoz — Perm, Russia
Software Development Engineer — Mar, 2012 – Jul, 2012

Development of an ``Electronic Government'' platform based on IBM BPM and end-user web-application using GWT. Fullstack development with a strong focus on web-services and development for BPM.

Marlabs Inc. — Orlando, FL
Consultant/Programmer Analyst — Mar, 2007 – Dec, 2012

Consulting work at Siemens Shared Services, where I worked on multiple projects developing custom vendor management application, documents management application, FileNet migration tools, scan and recognize application, application for customs compliance control, etc., and Team Disney.

Fermi National Accelerator Lab — Batavia, IL
Engineer — 2001, 2002, 2004; Jan, 2005 – Aug, 2005

Multiple internships and then engineering position at the high-energy physics project. Helped to design and implement various tools and applications used for data acquisition and control.

InfoTelecom, LLC — Perm, Russia
Software Developer — Oct, 2003 – Jul, 2004

Worked on the product software - highly customizable system of web-traffic statistics and monitoring. Back-end development on Oracle using PL/SQL and Java.

iTech Software — Perm, Russia
Software Developer — Oct, 2002 – Sep, 2003

Developed software for telecommunication company. Have been doing both high-level and low-level programming using C and Java.

SKILLS

- ✔ Java, Groovy, JavaScript, Python, Clojure, Ruby, C/C++
- ✔ Mongo, MS SQL, MySQL, Oracle, BerkleyDB
- ✔ Spring, Apache Camel, JBoss Drools, Spring, iBatis, Websphere AS, JBoss AS, Wildfly
- ✔ Docker, Azure
- ✔ Mercurial, Git, Subversion, JIRA
- ✔ Maven, Gradle, Ant, soapUI, RobotFramework, Jenkins
- ✔ HTML5, CSS, SASS/LESS, AngularJS, Webpack, React, Rails

EDUCATION

- ✔ M.Eng. Industrial Engineering, Lehigh University
- ✔ B.Eng. Automated Control Systems, Perm State Technical University, Russia

BOOKS

Instant Apache Camel Messaging System, *Packt Publishing*, 2013, ISBN 9781782165347

CERTIFICATION

- ✔ Sun Certified Programmer for Java (CX-310-035)
- ✔ Sun Certified Web Component Developer (CX-310-081)

LANGUAGES

English, Russian

TECHNICAL SKILLS

- **Programming:** Java, Groovy, Python, JavaScript, Clojure, Ruby, C/C++
- **Development:** Eclipse, NodeJS, Maven, Ant, Mercurial, Git, SVN, JIRA, Jenkins
- **Database:** Mongo, MS SQL Server 2000/2005, Oracle 9i/10g, SQLite, MySQL.
- **Technologies:** Docker, Azure, Apache Camel, JNI, Swing, SWT, Java 2D, RMI, EJB, JTA, JMS, JNDI, JDBC, JSP, Servlets, XML-RPC, XML, XSLT, XPath, JAX-RPC, WSDL4J, Axis, Hibernate, JBoss Drools, Websphere 5/6, JBoss AS, IBM Websphere Process Server, IBM Business Process Manager.
- **Web:** AngularJS, React, Webpack, HTML5, CSS3, Less, SASS

Avanade (Infusion until 2017) – Raleigh, NC
Aug 2014 –Present

Senior Consultant

Designed, built and configured a platform for building and configuring applications for life insurance business arm of Metlife in Japan. Main objective configurability and ease of use for customers as well as reliability and security. Major involvement in deployment process using Docker, Jenkins and Azure services

- Implementation and maintainance of the configuration application (Composer) using Node.Js, AngularJS, React and Mongo
- Design and architecture of the back-end utilizing reactive streams (Reactor) to achieve better performance and scalability.
- Design and implementation of application Groovy scripting, testing frameworks, loading and data migration tools.
- Organization of CI process based on Docker containers.
- Management of development process through JIRA, Jenkins, Stash, VSTS
- Education and training of engineering teams; technical interviewing of candidates for Metlife and Infusion and recruitment on campus (UNC).

Mongo; Java; Spring, Reactor, Groovy; JavaScript; NodeJS; Docker; Shell Scripts; AngularJS; React; HTML5; Less; JIRA

Stone River, Inc – Orlando, FL
Apr 2013 – Aug 2014

Senior Software Development Engineer

Supported existing software systems and developed new solutions for mid-side workers comp insurance companies. Among other things tasks included: customer and technical support for multiple applications; organization and execution of third party software compatibility testing using Selenium; development of user interface, back-end processes and auxiliary scripting; organization of the testing and release process.

- Customer and technical support for multiple applications.
- Organization and execution of third party software compatibility testing using Selenium.
- Development of user interface, back-end processes and auxiliary scripting
- Organization of the testing and release process.

Websphere AS 7; JBoss 5, 6; Wildfly 8; AS/400; MS SQL Server; Java; Hibernate 3.5; Python; HTML5; Javascript;

Click2Interact – Orlando, FL
Sep 2012 – Jan 2013

Developer

Design and development of an educational platform for child development centers and pre-schools.

- Design and implementation of the back-end server code using Ruby On Rails framework
- Database design and business model prototyping. Researched the planetarium, its potential partners, and its competitors
- User interface using Twitter Bootstrap, jQuery and HTML5.Pitched a cohesive campaign idea and ways to activate it

Ruby On Rails 3.2, MySQL, RESTful Web-Services, Rackspace Cloud, jQuery, Twitter Bootstrap,

Prognoz – Perm Russia
Software Engineer
Mar 2012 – Jul 2012

- ☑ Tuning, installation and configuration of the IBM Websphere Process Server and Business Process Manager in cluster environment.
- ☑ Development of the business process integration in Integration Designer.
- ☑ Development of the "Meetings" application for the Moscow Government (documents exchange, meetings and appointments scheduling, notification services) for mobile and desktop platform. http://www.prog-noz.com/

Java 1.6, GWT, JPA 2, Web-Services, IBM Websphere Process Server and IBM BPM 8

Marlabs – Orlando, FL
Consultant/Programmer Analyst
Mar 2007 – Dec 2012

Client: Siemens Shared Services
Project Siemens Compliance - SICOM (USA, Germany)
Nov 2010 – Dec 2012

- ☑ Analysis of the business requirements and prototyping
- ☑ Changes in user interface of the applications (JavaScript, HTML, CSS)
- ☑ Changes in back-end processes (Java, T-SQL, Drools, XSLT) directed to a better performance, reliability, and scalability of the back end data processing
- ☑ Migration of the application in SICOM stack to a new application platform (SQL Server 2005, WebSphere 6.1) to a different location (both software and hardware transition)
- ☑ Optimization of development and release cycle - quicker builds and deployment

Java 5, RAD 7.5, Eclipse Platform, Drools, SQL Server 2000/2005, WebSphere 5.1/6.1, Javascript, CSS, HTML, XML/XSLT

Client: Team Disney
Project Disney One Air Project (Improvements of SBC Booking and Reservation system)
Apr 2010 – Oct 2010

- ☑ Analysis of business and technical requirements; prototyping
- ☑ Implementation of Secure Flight requirements for air booking
- ☑ Changes to existing data model, EJB, user interfaces (HTML, CSS, Javascript)
- ☑ Integration testing of changes to existing applications (A La Carte, SBC)
- ☑ Shell/Perl/AWK scripts for error detection and post incident analysis (parsing and analysis of log files)
- ☑ Triaging, troubleshooting the incidents, fixing, testing, integration (full maintenance cycle)
- ☑ On call support for the applications

Java 5, RAD 7.5, JSF, Struts, HTML, JavaScript, jQuery, Oracle 10g, Websphere 6, JBoss AS, EJB, jQuery, MQ Series, Ant, ClearCase, AIX, Shell/AWK/Sed scripting, Perl

Client: Siemens Shared Services
Project Project: Global Services Customs Declaration application that allows users to clear up shipments for import/export operations
Nov 2010 – Dec 2012

- ☑ Analysis of business requirements
- ☑ Organization of development team meetings and conference calls
- ☑ Wrote technical specification for web services (WSDL and WSDD)
- ☑ Designed front end using Java Servlets, JSP, HTML, CSS, and Javascript using AJAX technology
- ☑ Configuration of iBatis ORM and Spring Framework
- ☑ Design and implementation of business logic and data processing routes using Apache Camel
- ☑ Wrote business rules using Drools and business logic processing customs declarations
- ☑ Data transformation between DIN5 CUSDEC formats

- ☑ Created Junit tests and Ant build scripts
- ☑ Tested integration with logistic companies (Kuhne& Nagel, DHL, Fedex)

Java 5, Apache Axis, Apache Camel, JBoss, Drools, Spring 2.5, Apache iBatis, MS SQL Server 2000, T-SQL, WebSphere 6, XML/XSLT, jQuery, Subversion, Ant, soapUI

Client: Siemens Shared Services	
Project Paperless invoicing application	**May 2008 – Jun 2009**

- ☑ Worked closely with third party companies (ScanOne, DirectInsite) and with business clients (Siemens Operating Companies)
- ☑ Wrote technical specification for processing invoice information
- ☑ Data transformation to/from OAGIS, DIN 5, EzAP formats
- ☑ Database design for the invoices images storage on MS SQL Server 2005
- ☑ Developed business rules engine (table driven), and its front end accessible by the business clients
- ☑ Developed high performance TIFF library based on libtidd JAI and ImageIO
- ☑ Tools for extracting invoice image data from Filenet into application database
- ☑ Integration of the paperless invoice processing application with existing AR/AP applications
- ☑ Organization of source code management using Subversion
- ☑ Created Junit tests and Ant build scripts
- ☑ Integration testing with outsource scanning/processing companies (ScaneOne, DirectInsite)

Java 5, Apache Camel, Spring 2.5, Apache iBatis, MS SQL Server 2000, T-SQL, WebSphere 6, XML/XSLT, jQuery, Subversion, Ant

Client: Siemens Shared Services	
Project Invoice Management Application	**May 2007 – Apr 2008**

- ☑ Developed vendor management module based with front-end on Struts and Javascript.
- ☑ Wrote transformation of vendor/invoice data to/from XML,CSV, EDI, DIN5 formats.
- ☑ Designed data validation and consistency checks using Java and XML Schemas
- ☑ Tuned application and database performance using caching, using NIO, queries optimization, indexes.
- ☑ Designed and implemented application usage statistics based on Javascript and HTTP logs.
- ☑ Developed web-based tools for testing using Python (Pylons), HTML and Javascript.
- ☑ Wrote integration of the application with SAP (Spiridon) using JCo.
- ☑ Created JUnit tests and Ant build scripts.

Java 1.4, MS SQL Server 2000, T-SQL, XML/XSLT, Struts, Websphere 5, Python, HTML, JavaScript, Ant,

Fermi National Accelerator Laboratory – Batavia, IL	
Engineer	**Jan 2005 – Aug 2005**

Participated in the high energy physics international collaboration for Large Hadron Collider (LHC) experiment. At the time United States team worked on the Compact Muon Solenoid (CMS) – part of the LHC experiment - building alignment system for muon detector.
- ☑ Wrote technical specification for a data acquisition system.
- ☑ Implemented multi-thread high performance server in Java controlling the system.
- ☑ Designed and tested software to communicate with hardware via Cyclade TS consoles.
- ☑ Database design for system configuration.
- ☑ XML-RPC interface to the control server functionality.
- ☑ Desktop program for system control using Swing

Java 1.4, Swing, HSQL, Hibernate, XML-RPC, Python, Shell scripting

Research Assistant in 2001, 2002, 2004
- ✔ Performed data analysis (regression analysis of statistical data from the detectors) of the data from optical sensors using ROOT package.
- ✔ Developed software for above mentioned data analysis in C/C++ using ROOT framework.
- ✔ Designed blueprints for and constructed hardware test bench for optical sensors testing and calibration.
- ✔ Developed software in C and Python for optical sensors testing and calibrating.

C/C++, ROOT, Python, Shell

InfoTelecom LLC – Perm, Russia
Software Developer
Oct 2003 – Jul 2004

Worked on the product software - highly customizable system of web-traffic statistics and monitoring
- ✔ Designed and implemented website statistics collection system based on Javascript, servlets, and PL/SQL
- ✔ Wrote graphs, charts, and diagram building library using Java2D and ImageIO, PL/SQL interface to it
- ✔ Implemented website template based generation software
- ✔ Developed website static content deployment tools using FTP

Java 1.4, Java 2D, Oracle AS, Oracle 11g, PL/SQL, Shell Scripting, JavaScript

iTech Software – Perm, Russia
Software Developer
Oct 2002 – Sep 2003

- ✔ Developed web interface using JSP and Java for payphones management.
- ✔ Implemented Java code to work with IIS module in Visual C++ that controls network connections to the payphones.
- ✔ Wrote testing scenarios and performed software unit testing.

Java 1.3, JNI, C/C++, JSP, JDBC, MS IIS, Interbase