

ARTEM ZABORSKIY

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Artem is a Java/Web developer who will always appreciate how IT and science makes the world better. Artem has strong skills in server-side development, UI/UXD, data visualization and analysis, machine learning and predictive analytics.

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 th.linkedin.com/in/zaborskiy
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SKILLS

TECHNOLOGIES:

Spring Framework Hibernate Java JUnit Liquibase CSS JavaScript Servlets/JSP
GWT Lucene Spring Security ehCache AngularJS Dozer mapper DBUnit Mockito JDBC
JEE WSDL iText Spring Boot jQuery Ajax Applets XML XSLT SWING AWT C++
JNI JSF RichFaces Axis CXF XFire Compass Search EclipseLink JPA Hibernate Search
SmartGWT Android API

PLATFORMS:

Tomcat PostgreSQL Heroku Android GitHub Linux Apache MySQL WebLogic
Oracle Resin OC4J

TOOLS:

Maven Eclipse Jira Sonar Jenkins git Confluence SVN TeamCity Perforce
MS Project ClearCase Clear DDTs Checkstyle FindBugs Hudson SoapUI Bamboo Cruise control
Ant Track Spring Roo Gradle Android Studio

PARADIGMS:

REST AOP SDLC Open Source OOP Neural Networks TDD BDD Social Networking
Big Data Data Visualization Petri net AI Machine Learning Web Services ESB SOA EIP IoC
CI

EDUCATION

1998 – 2000

ST. PETERSBURG STATE UNIVERSITY OF ARCHITECTURE AND CIVIL ENGINEERING

FACULTY: Architecture
SPECIALITY: Architect

1996 – 1997

ST. PETERSBURG STATE UNIVERSITY

FACULTY: Faculty of Mathematics and Mechanics
SPECIALITY: Mathematics, Computer Science

1993 – 1995

ST. PETERSBURG PHYSICS & MATHEMATICS LYCEUM(FORMER SCHOOL 239)

SPECIALITY: Mathematics, Physics, Programming
ACTIVITIES: Computer Graphics, Artificial Intelligence

WORK EXPERIENCE

2014, NOV – 2015, AUG

WEB DEVELOPER @HOME

PROJECT: **skill2peer**

skill2peer is an web site for course publishing and registration

TEAM SIZE: 1 - 3

PROCESS: **Agile**

EXPERIENCE:

Designed the entire system architecture;
UI/UX prototyping, design and implementations, using AngularJS, HTML and CSS;
With Liquibase and Hibernate/JPA, designed the DB and DAO layer;
Using Confluence, has provided technical documentaion;
Wrote event/calendar management core;
Using Spring Social, implemented Login with Twitter and Facebook;
Has designed REST API for posting and fetching events and courses data

REFERENCE:

<https://github.com/compartia/skill2peer>

TECHNOLOGIES:

Spring Framework **Spring Security** **Hibernate** **ehCache**
AngularJS **Spring Boot** **Liquibase** **Dozer mapper** **JUnit**
DBUnit **Mockito**

TOOLS:

Eclipse **Jira** **Jenkins** **Sonar** **git** **Confluence** **Maven**

PLATFORMS:

Heroku **Tomcat** **Android** **GitHub**

PARADIGMS:

REST **Open Source** **AOP** **OOP**

2013, SEP – 2015, JUL

ANDROID DEVELOPER, PROJECT OWNER @HOME

PROJECT: **Color Collection**

Color Collection is a native application for Android. It processes images to extract most used colors.

TEAM SIZE: 1

RESPONSIBILITIES:

Idea, UI/UX Design;
System architecture;
Development

EXPERIENCE:

Tens of thousands of installations

TECHNOLOGIES:

CSS **Java** **Servlets/JSP** **Android API**

TOOLS:

git **Maven** **Gradle** **Android Studio**

PLATFORMS:

Android **GitHub** **Heroku**

PARADIGMS:

Open Source

2013, MAR – 2015, FEB

LEAD JAVA DEVELOPER @RETURN ON INTELLIGENCE

		<div>PROJECT:</div> <div>Carpathia</div> <div>Carpathia hosting. Inventory management for a large hosting provider.</div> <div>TEAM SIZE:</div> <div>14 - 30</div> <div>PROCESS:</div> <div>Scrum</div> <div>RESPONSIBILITIES:</div> <div> <div>Requirements elicitation and analysis;</div> <div>Technical design;</div> <div>Business components development;</div> <div>DB design</div> </div> <div>TECHNOLOGIES:</div> <div> <div>Spring Framework</div> <div>Spring Security</div> <div>Hibernate</div> <div>ehCache</div> <div>AngularJS</div> <div>jQuery</div> <div>Liquibase</div> <div>REST</div> <div>Dozer mapper</div> <div>JUnit</div> <div>DBUnit</div> <div>Mockito</div> </div> <div>TOOLS:</div> <div> <div>Eclipse</div> <div>Jira</div> <div>Jenkins</div> <div>Sonar</div> <div>SVN</div> <div>Confluence</div> <div>Maven</div> </div> <div>PLATFORMS:</div> <div> <div>PostgreSQL</div> <div>Tomcat</div> </div> <div>PARADIGMS:</div> <div> <div>AOP</div> <div>TDD</div> <div>BDD</div> <div>SDLC</div> <div>REST</div> </div>	
2011, APR — 2013, APR		<div>PROJECT:</div> <div> http://www.heritagehealthprize.com/c/hhp Heritage Health Prize Competition: to create an algorithm that predicts how many days a patient will spend in a hospital in the next year. </div> <div>EXPERIENCE:</div> <div> <div>Has developed the algorithm to identify patients who will be admitted to a hospital within the next year using historical claims data;</div> <div>Has developed own high performant library of machine learning (classification and clustering) algorithms such as Gentle and Ada Boosting, Random Forests, K-Means, Kohonen Networks, Neural Networks,</div> </div> <div>AWARDS:</div> <div>top 10% (116th of 1353)</div> <div>REFERENCE:</div> <div> https://www.kaggle.com/zaborskiy/results </div>	FEATURED
2011, MAR — 2013, MAR	LEAD DEVELOPER @EXIGEN SERVICES	<div>PROJECT:</div> <div>Thompson Reuters, InPublic/MMI</div> <div>InPublic/MMI: A JEE web app for Thompson Reuters. The app provides functionality to publish and distribute press releases.</div> <div>TEAM SIZE:</div> <div>7 - 10</div> <div>PROCESS:</div> <div>Scrum</div> <div>RESPONSIBILITIES:</div> <div> <div>Requirements collecting and analysis;</div> <div>Technical design;</div> <div>Planning and tasks distribution, reporting, peer review, code review;</div> <div>Business components development</div> </div> <div>EXPERIENCE:</div> <div> <div>Has developed the architecture and the framework for the MMI system;</div> <div>Implemented cross-browser UI for MMI using GWT;</div> <div>Integrated with Facebook, LinkedIn, and Twitter.;</div> <div>Developed business components for composing and publishing press releases.</div> </div> <div>TECHNOLOGIES:</div> <div> <div>JEE</div> <div>Spring Framework</div> <div>Hibernate</div> <div>JSF</div> <div>GWT</div> <div>RichFaces</div> <div>Liquibase</div> <div>Lucene</div> <div>JUnit</div> <div>CSS</div> <div>JavaScript</div> <div>WSDL</div> </div>	

	<div>TOOLS:</div> <div>EclipseJiraTeamCityJenkinsSonarPerforceMaven</div> <div>PLATFORMS:</div> <div>WebLogicOC4JOracleSDLCREST</div>	
2010, SEP — 2012, SEP	<div><div>JAVA DEVELOPER</div>@YOUDOWELL AG</div> <div><div>PROJECT:</div><div>youdowell</div><div>An online coach for a healthy lifestyle and menu planning</div></div> <div><div>RESPONSIBILITIES:</div><div><div>Designed the system architecture and the system backbone;</div><div>Consulted on UI and usability;</div><div>With GWT, developed the back-office application, allowing users to edit recipes and nutrition data;</div><div>Designed and implemented a number of reusable UI components;</div><div>Wrote DAOs using Hibernate and EclipseLink</div></div></div> <div><div>TECHNOLOGIES:</div><div>JavaGWTSpring FrameworkLuceneCompass Search</div><div>EclipseLinkHibernate</div></div> <div><div>TOOLS:</div><div>MavenSonarBamboo</div></div> <div><div>PLATFORMS:</div><div>PostgreSQLMySQLTomcat</div></div>	
2010, AUG — 2011, MAR	<div><div>PROJECT MANAGER</div>@EXIGEN SERVICES</div> <div><div>PROJECT:</div><div>T-Mobile, DE</div><div>eCare --/-- see below</div></div> <div><div>TEAM SIZE:</div><div>15 - 25</div></div> <div><div>PROCESS:</div><div>Waterfall</div></div> <div><div>RESPONSIBILITIES:</div><div><div>Requirements analysis;</div><div>Planning and tasks distribution, time tracking, reporting;</div><div>Interaction with Germany based business analysts;</div><div>Staffing, team skills development, career development of employees.</div><div>Coaching and organizing educational activities</div></div></div> <div><div>TOOLS:</div><div>MS ProjectJira</div></div>	
2008, JAN — 2010, AUG	<div><div>LEAD JAVA DEVELOPER</div>@EXIGEN SERVICES</div> <div><div>PROJECT:</div><div>T-Mobile, DE</div><div>eCare. A distributed JEE app for T-Mobile (DE). The app provides functionality to manipulate customer's contract data and tariff plans. The services are accessible from web and via web services (B2B SOA interface). One of the challenging things was integration with the number of partner systems.</div></div> <div><div>TEAM SIZE:</div><div>15 - 25</div></div> <div><div>PROCESS:</div><div>Waterfall</div></div>	FEATURED

	<div>RESPONSIBILITIES:</div> <div>EXPERIENCE:</div> <div>AWARDS:</div> <div>TECHNOLOGIES:</div> <div>TOOLS:</div> <div>PLATFORMS:</div> <div>PARADIGMS:</div>	<div><div>Requirements analysis;</div><div>Technical designs;</div><div>Planning and tasks distribution, tracking, reporting;</div><div>Business components development;</div><div>Interaction with business analysts located in Germany;</div><div>Staffing, team members skills development</div></div> <div><div>Has built a number of components for a distributed JEE app for T-Mobile (DE), providing functionality for manipulating customer contract data and tariff plans;</div><div>Developed B2B SOA interfaces;</div><div>Integrated with approximately 30 partner systems;</div><div>Has built the framework for generating PDF reports using iText</div></div> <div>2008: Exigen, Best Technical Lead of the year</div> <div><div>JEE</div><div>Spring Framework</div><div>Hibernate</div><div>Axis</div><div>CXF</div><div>XFire</div><div>WSDL</div><div>iText</div></div> <div><div>Eclipse</div><div>ClearCase</div><div>Clear DDTs</div><div>Jira</div><div>Checkstyle</div><div>FindBugs</div><div>Sonar</div><div>Hudson</div><div>SoapUI</div></div> <div><div>WebLogic</div><div>Oracle</div></div> <div><div>Web Services</div><div>ESB</div><div>OOP</div><div>SOA</div><div>EIP</div><div>SDLC</div></div>	
2008, SEP – 2009, OCT	<div>PROJECT OWNER, DEVELOPER @HOME</div>		
	<div>PROJECT:</div> <div>TEAM SIZE:</div> <div>PROCESS:</div> <div>RESPONSIBILITIES:</div> <div>EXPERIENCE:</div> <div>TECHNOLOGIES:</div> <div>TOOLS:</div> <div>PLATFORMS:</div> <div>PARADIGMS:</div>	<div><div>TestBuilder</div><div>TestBuilder is a web application for designing, publishing and taking quizzes, questionnaires and exams online. The system supports 2 user groups: those who create exams and those who take exams.</div></div> <div>2 - 6</div> <div><div>Scrum</div></div> <div><div>Idea and Concepts, Full cycle management, Building the team;</div><div>System architecture, Technical documentation and user's guide writing, UI design and code (GWT, CSS), DB design;</div><div>public relations, presentations for seed investments</div></div> <div><div>Designed and built the entire UI using GWT, HTML and CSS;</div><div>Integrated with Facebook, Google gadgets and Google AppEngine;</div><div>Has built the framework for generating PDF certificates using iText</div></div> <div><div>Spring Framework</div><div>JPA</div><div>Hibernate</div><div>Lucene</div><div>Hibernate Search</div><div>GWT</div><div>SmartGWT</div><div>iText</div><div>JUnit</div></div> <div><div>SVN</div><div>Cruise control</div><div>Eclipse</div><div>Ant</div><div>Maven</div><div>Track</div><div>Spring Roo</div></div> <div><div>PostgreSQL</div><div>Tomcat</div><div>Apache</div></div> <div><div>IoC</div><div>AOP</div><div>CI</div></div>	
2008, JUN – 2008, SEP	<div>LECTURER @EXIGEN SERVICES</div>		
	<div>PROJECT:</div> <div>RESPONSIBILITIES:</div>	<div><div>IT-college</div><div>Provided lectures on Java to groups of 20 students</div></div>	

TECHNOLOGIES:

Java

2006, JAN — 2006, DEC

DEVELOPER / PROJECT OWNER @HOME

PROJECT:

LjMap.net

Own, non-profit effort in Gravitational Sociology and Geographical Semantics, web-visualization and analysis of e-societies. The aim was to find and to visualize clusters of users in social networks like LiveJournal

TEAM SIZE:

2 - 4

EXPERIENCE:

Idea, research;
Created Google Map-like web-interface;
Implemented web crawler for fetching, storing and indexing FOAF data;
Math: created the engine for clusterization of 10M+ data records;
Optimized heavy calculations on huge amount of data

TECHNOLOGIES:

Java

CSS

JavaScript

Servlets/JSP

JDBC

Ajax

PLATFORMS:

Tomcat

Linux

Resin

PostgreSQL

PARADIGMS:

Neural Networks

Social Networking

Big Data

Data Visualization

2000, AUG — 2003, APR

JAVA DEVELOPER @NEMO (NEURAL MODELING)

PROJECT:

Outsell, LLC (U.S.)

KIBERRY: Building Neural networks based Interactive Virtual Representatives; Web-based dialogue scenarios editor UI.

TEAM SIZE:

4 - 12

PROCESS:

Agile

EXPERIENCE:

Designed the product architecture;
Led negotiations with U.S. partner companies including Outsell, LLC;
Neural Core design and implementation;
Has created online dialogue schema editor for designing domain-specific chat bots;
Provided technical documentation;
Has designed and prototyped the 3D-representation for complex neural networks systems;
Designed the KIBERRY brand, the logo and the website

TECHNOLOGIES:

JavaScript

Java

Applets

XML

XSLT

SWING

AWT

JDBC

Servlets/JSP

C++

JNI

PLATFORMS:

Apache

Tomcat

Linux

MySQL

PARADIGMS:

Neural Networks

Petri net

AI

Machine Learning