



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.

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

EDUCATION

1998 – 2000

ST. PETERSBURG STATE UNIVERSITY OF ARCHITECTURE AND CIVIL ENGINEERING

FACULTY: Architecture
SPECIALITY: Architect

1995 – 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

2015, FEB — 2015, AUG

WEB DEVELOPER @HOME

PROJECT: **skill2peer**

skill2peer is an web site for course publishing and registration

TEAM SIZE: 1 - 3

PROCESS: Agile

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

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

PROJECT: **Carpathia**

Carpathia hosting. Inventory management for a large hosting provider.

TEAM SIZE: 14 - 30

PROCESS: Scrum

RESPONSIBILITIES:

Requirements elicitation and analysis;

Technical design;

Business components development;

DB design

TECHNOLOGIES:

Spring Framework

Spring Security

Hibernate

ehCache

AngularJS

jQuery

Liquibase

REST

Dozer mapper

JUnit

DBUnit

Mockito

	TOOLS:	EclipseJiraJenkinsSonarSVNConfluenceMaven	
	PLATFORMS:	PostgreSQLTomcat	
	PARADIGMS:	AOPTDDBDDSDLCREST	
2011, APR — 2013, APR	PROJECT:	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.	FEATURED
	EXPERIENCE:	<ul style="list-style-type: none"> Has developed the algorithm to identify patients who will be admitted to a hospital within the next year using historical claims data; 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, 	
	AWARDS:	top 10% (116th of 1353)	
	REFERENCE:	https://www.kaggle.com/zaborskiy/results	
2011, MAR — 2013, MAR	LEAD DEVELOPER @EXIGEN SERVICES		
	PROJECT:	Thompson Reuters, InPublic/MMI InPublic/MMI: A JEE web app for Thompson Reuters. The app provides functionality to publish and distribute press releases.	
	TEAM SIZE:	7 - 10	
	PROCESS:	Scrum	
	RESPONSIBILITIES:	<ul style="list-style-type: none"> Requirements collecting and analysis; Technical design; Planning and tasks distribution, reporting, peer review, code review; Business components development 	
	EXPERIENCE:	<ul style="list-style-type: none"> Has developed the architecture and the framework for the MMI system; Implemented cross-browser UI for MMI using GWT; Integrated with Facebook, LinkedIn, and Twitter.; Developed business components for composing and publishing press releases. 	
	TECHNOLOGIES:	JEESpring FrameworkHibernateJSFGWTRichFaces LiquibaseLuceneJUnitCSSJavaScriptWSDL	
	TOOLS:	EclipseJiraTeamCityJenkinsSonarPerforceMaven	
	PLATFORMS:	WebLogicOC4JOracleSDLCREST	
2010, SEP — 2012, SEP	JAVA DEVELOPER @YOUTDOWELL AG		
	PROJECT:	youdowell An online coach for a healthy lifestyle and menu planning	
	RESPONSIBILITIES:	<ul style="list-style-type: none"> Designed the system architecture and the system backbone; Consulted on UI and usability; With GWT, developed the back-office application, allowing users to edit recipes and nutrition data; Designed and implemented a number of reusable UI components; Wrote DAOs using Hibernate and EclipseLink 	
	TECHNOLOGIES:	JavaGWTSpring FrameworkLuceneCompass Search EclipseLinkHibernate	
	TOOLS:	MavenSonarBamboo	

	PLATFORMS:	PostgreSQLMySQLTomcat	
2010, AUG — 2011, MAR	PROJECT MANAGER @EXIGEN SERVICES		
	PROJECT:	T-Mobile, DE eCare --/-- see below	
	TEAM SIZE:	15 - 25	
	PROCESS:	Waterfall	
	RESPONSIBILITIES:	<ul style="list-style-type: none"> Requirements analysis; Planning and tasks distribution, time tracking, reporting; Interaction with Germany based business analysts; Staffing, team skills development, career development of employees. Coaching and organizing educational activities 	
	TOOLS:	MS ProjectJira	
2008, JAN — 2010, AUG	LEAD JAVA DEVELOPER @EXIGEN SERVICES		
	PROJECT:	T-Mobile, DE 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.	FEATURED
	TEAM SIZE:	15 - 25	
	PROCESS:	Waterfall	
	RESPONSIBILITIES:	<ul style="list-style-type: none"> Requirements analysis; Technical designs; Planning and tasks distribution, tracking, reporting; Business components development; Interaction with business analysts located in Germany; Staffing, team members skills development 	
	EXPERIENCE:	<ul style="list-style-type: none"> 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; Developed B2B SOA interfaces; Integrated with approximately 30 partner systems; Has built the framework for generating PDF reports using iText 	
	AWARDS:	2008: Exigen, Best Technical Lead of the year	
	TECHNOLOGIES:	JEESpring FrameworkHibernateAxisCXFXFireWSDL iText	
	TOOLS:	EclipseClearCaseClear DDTSJiraCheckstyleFindBugs SonarHudsonSoapUI	
	PLATFORMS:	WebLogicOracle	
	PARADIGMS:	Web ServicesESBOOPSOAEIPSDLC	
2008, SEP — 2009, OCT	PROJECT OWNER, DEVELOPER @HOME		
	PROJECT:	TestBuilder 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>TEAM SIZE:</div> <div>2 - 6</div> <div>PROCESS:</div> <div>Scrum</div> <div>RESPONSIBILITIES:</div> <div> <ul style="list-style-type: none"> Idea and Concepts, Full cycle management, Building the team; System architecture, Technical documentation and user's guide writing, UI design and code (GWT, CSS), DB design; public relations, presentations for seed investments </div> <div>EXPERIENCE:</div> <div> <ul style="list-style-type: none"> Designed and built the entire UI using GWT, HTML and CSS; Integrated with Facebook, Google gadgets and Google AppEngine; Has built the framework for generating PDF certificates using iText </div> <div>TECHNOLOGIES:</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>TOOLS:</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>PLATFORMS:</div> <div> <div>PostgreSQL</div> <div>Tomcat</div> <div>Apache</div> </div> <div>PARADIGMS:</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>IT-college</div> <div>RESPONSIBILITIES:</div> <div> <ul style="list-style-type: none"> Provided lectures on Java to groups of 20 students </div> <div>TECHNOLOGIES:</div> <div> <div>Java</div> </div>	
2006, JAN — 2006, DEC	<div>DEVELOPER / PROJECT OWNER @HOME</div> <div>PROJECT:</div> <div> 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 </div> <div>TEAM SIZE:</div> <div>2 - 4</div> <div>EXPERIENCE:</div> <div> <ul style="list-style-type: none"> 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 </div> <div>TECHNOLOGIES:</div> <div> <div>Java</div> <div>CSS</div> <div>JavaScript</div> <div>Servlets/JSP</div> <div>JDBC</div> <div>Ajax</div> </div> <div>PLATFORMS:</div> <div> <div>Tomcat</div> <div>Linux</div> <div>Resin</div> <div>PostgreSQL</div> </div> <div>PARADIGMS:</div> <div> <div>Neural Networks</div> <div>Social Networking</div> <div>Big Data</div> <div>Data Visualization</div> </div>	
2000, AUG — 2003, APR	<div>JAVA DEVELOPER @NEMO (NEURAL MODELING)</div> <div>PROJECT:</div> <div> Outsell, LLC (U.S.) KIBERRY: Building Neural networks based Interactive Virtual Representatives; Web-based dialogue scenarios editor UI. </div> <div>TEAM SIZE:</div> <div>4 - 12</div> <div>PROCESS:</div> <div> <div>Agile</div> </div>	

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