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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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

1995 — 1997

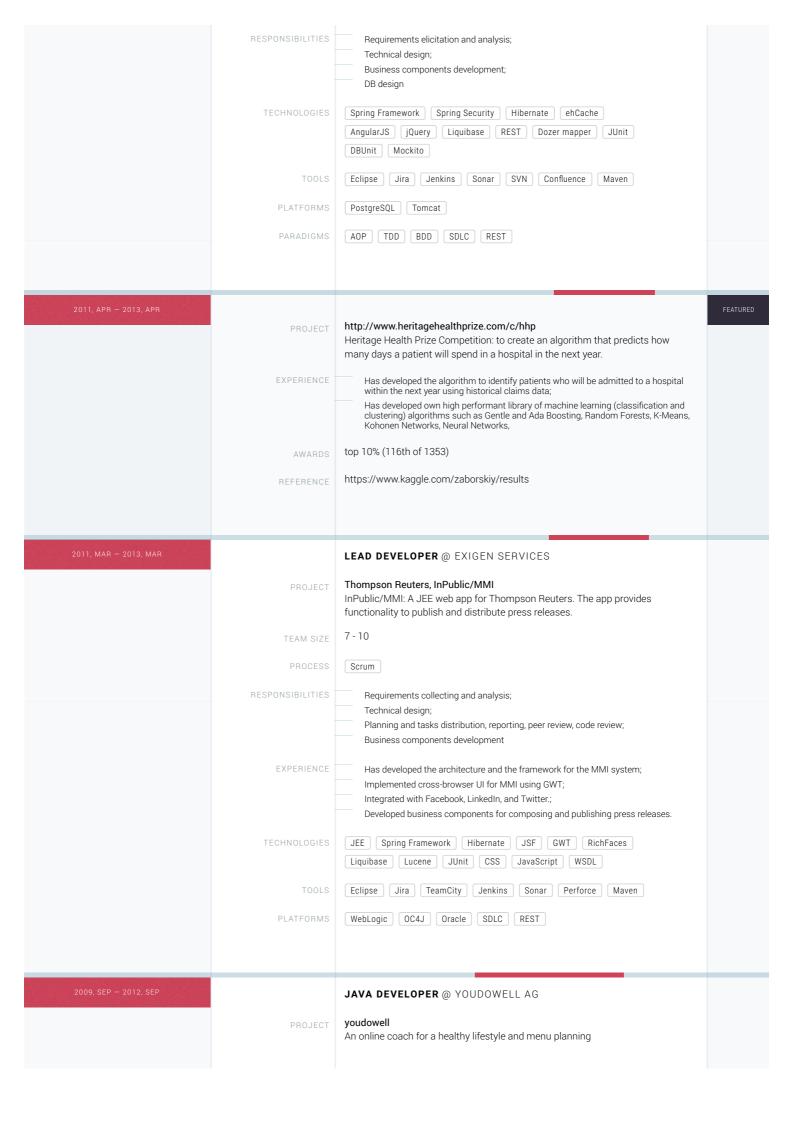**ST. PETERSBURG STATE UNIVERSITY**

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

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

ANDROID DEVELOPER, PROJECT OWNER

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

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

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	Eclipse	Jira	Jenkins	Sonar	SVN	Confluence	Maven

PLATFORMS	PostgreSQL	Tomcat

PARADIGMS	AOP	TDD	BDD	SDLC	REST

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.

EXPERIENCE 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 Requirements collecting and analysis;

Technical design;

Planning and tasks distribution, reporting, peer review, code review;

Business components development

EXPERIENCE 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	JEE	Spring Framework	Hibernate	JSF	GWT	RichFaces
	Liquibase	Lucene	JUnit	CSS	JavaScript	WSDL

TOOLS	Eclipse	Jira	TeamCity	Jenkins	Sonar	Perforce	Maven

PLATFORMS	WebLogic	OC4J	Oracle	SDLC	REST

2009, SEP — 2012, SEP

JAVA DEVELOPER @ YOUDOWELL AG

PROJECT youdowell
An online coach for a healthy lifestyle and menu planning

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

Java   GWT   Spring Framework   Lucene   Compass Search
EclipseLink   Hibernate

TOOLS

Maven   Sonar   Bamboo

PLATFORMS

PostgreSQL   MySQL   Tomcat

2010, AUG — 2011, MAR

PROJECT MANAGER @ EXIGEN SERVICES

PROJECT

T-Mobile, DE
eCare --//-- see below

TEAM SIZE

15 - 25

PROCESS

Waterfall

RESPONSIBILITIES

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 Project   Jira

2008, JAN — 2010, AUG

LEAD JAVA DEVELOPER @ EXIGEN SERVICES

FEATURED

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.

TEAM SIZE

15 - 25

PROCESS

Waterfall

RESPONSIBILITIES

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

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	JEE Spring Framework Hibernate Axis CXF XFire WSDL iText
TOOLS	Eclipse ClearCase Clear DDTS Jira Checkstyle FindBugs Sonar Hudson SoapUI
PLATFORMS	WebLogic Oracle
PARADIGMS	Web Services ESB OOP SOA EIP SDLC

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.
TEAM SIZE	2 - 6
PROCESS	Scrum
RESPONSIBILITIES	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
EXPERIENCE	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
TECHNOLOGIES	Spring Framework JPA Hibernate Lucene Hibernate Search GWT SmartGWT iText JUnit
TOOLS	SVN Cruise control Eclipse Ant Maven Track Spring Roo
PLATFORMS	PostgreSQL Tomcat Apache
PARADIGMS	IoC AOP CI

LECTURER @ EXIGEN SERVICES

PROJECT	**IT-college**
EXPERIENCE	Provided lectures on Java to groups of 20 students
TECHNOLOGIES	Java

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

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