

Darko Zelić

LEEUWERIKSTRAAT 8B, 1021GL AMSTERDAM, THE NETHERLANDS

MOBILE +31639107668

EMAIL dachaz@dachaz.net

WEB dachaz.net

LINKEDIN linkedin.com/in/dachaz

Interests

Innovation, product development, advanced web development, enterprise systems, rich web interfaces, iPhone development

Education

2009-2011 Fakultet tehničkih nauka, Novi Sad, Serbia MSc in Computer Sciences (GPA 9.67/10)
2005-2009 Računarski Fakultet, Belgrade, Serbia Graduate software engineer (GPA 9.36/10)

Awards

2015	HR Hackathon, Berlin	Equal team member of the team winning the second prize
2014	Textkernel Innovation Week	Team-lead of a team tied for the second place
2013	Textkernel Innovation Week	Team-lead of the winning team of the competition
2009	EdIT Summer School	Team-lead of the winning team of the competition
2008	5 Days in Java	Equal team member of the winning team of the competition

Experience

SOFTWARE ENGINEER, TEXTKERNEL B.V., AMSTERDAM, THE NETHERLANDS JANUARY 2012-CURRENT

Core product developer, recognised innovator and frequently identified as the go-to person by both technical and non-technical colleagues.

- **Rabobank 2Connect** SEPTEMBER 2013-DECEMBER 2014
 - ▶ Lead developer of a portal that both integrated existing Textkernel technologies (Search and Sourcebox) and incorporated plethora of Rabobank-specific workflows
 - ▶ My responsibilities were: intake (direct communication with the customer alongside our sales representative), architecture design, coordinating developers, code review and feature development
 - ▶ Technology stack: Java, JavaScript, jQuery, JSON, PostgreSQL, Hibernate, iText, SOAP, jsoup, jcron, JavaMail, Apache Velocity
- **Search!** JANUARY 2012 - PRESENT
 - ▶ Member of a team developing a semantic search web application
 - ▶ My daily responsibilities are designing and implementing new features, code review, integration with new external sources, pre-sales, finding new technologies and introducing them into our pipeline
 - ▶ Technology stack: Java, JavaScript, jQuery, Elasticsearch, Cassandra, PostgreSQL, HyperSQL, JSON, REST, SOAP, jsoup, JavaMail, Apache Velocity, Quartz, XML/XPath/XSLT, Ant, Git, Selenium, Jenkins
- **Sourcebox** JANUARY 2012 - PRESENT
 - ▶ Member of a team developing a CV parsing workflow web application
 - ▶ Lead developer of "Apply With Widgets" sub-product (simplifying integration with many social media/public profile websites such as LinkedIn, XING, Viadeo, Facebook, Google+, Dropbox, Google Drive, etc.)
 - ▶ Having that this is mostly a legacy product, feature development is not as prominent as in Search! and is mostly based on integrating with new storage/ATS systems (Bullhorn, Taleo, etc.) or new profile websites
 - ▶ Technology stack: Java, Spring, JSP, JavaScript, Prototype, Cassandra, PostgreSQL, JSON, REST, SOAP, OAuth, jsoup, XML/XPath

WEB DEVELOPER, STUDIO TRID, BELGRADE, SERBIA FEBRUARY 2011-NOVEMBER 2011

- **ProSend**
 - ▶ Developed an e-mail marketing service, with extensive contact handling, configurable templates, message scheduling and an intuitive WYSIWYG message editor.
 - ▶ Implemented in PHP/Smarty and MooTools-based JavaScript/AJAX; backed by Doctrine-handled MySQL DBMS
- Various custom web development projects based around the framework initially developed for ProSend

SOFTWARE DEVELOPER, UNSPS, BELGRADE, SERBIA JANUARY 2010-JUNE 2010

- **UPIIT** JANUARY 2010-JUNE 2010
 - ▶ Developed a company-specific enterprise solution covering all aspects of their internal business (job delegation, accounting, book-keeping, student record keeping, etc.)
 - ▶ Implemented in Java (with accent on JSF, RichFaces, A4J, iText, Apache Tika and Hibernate); backed by MySQL DBMS

WEB DEVELOPER, OMNIVENTS, SUNNYVALE, CALIFORNIA JUNE 2008-DECEMBER 2008

- **Fun'n'Love** DECEMBER 2008
 - ▶ Enabled Facebook integration, allowing Facebook users to access all of website's features, and share their activity as wall posts
- **FunCard** OCTOBER 2008
 - ▶ Developed an "embedded social network", with pop-in profiles on remote websites (personal sites, blogs, etc.)
 - ▶ Implemented in PHP/Smarty and MooTools-based JavaScript/AJAX; backed by MySQL DBMS
- **MyTripleD** JUNE 2008-AUGUST 2008

- Designed and developed a dating-oriented social networking website, with great accent on user interaction, which supported over 5000 unique users
- Implemented in PHP/Smarty and MooTools-based JavaScript/AJAX; backed by MySQL DBMS

WEB DEVELOPER, LIMORES, BELGRADE, SERBIA DECEMBER 2007

- AirportCar DECEMBER 2007
 - Designed and developed a basic SEO-oriented CMS
 - Implemented in PHP/Smarty; backed by MySQL DBMS

PHP DEVELOPER, STUDIO TRID, BELGRADE, SERBIA FEBRUARY 2005

- Uni-Promet web shop FEBRUARY 2005
 - Designed and developed a simple on-line purchasing system
 - Implemented in PHP; backed by MySQL DBMS

Notable projects

TIRCLE HR HACKATHON 2015 MAY 2015 (TEAM)

- TIRCLE was a result of the HR Hackathon Berlin 2015 and won the 2nd prize. This single-page application displays intersections between teams or projects within a company. By clicking on the overlaps one directly sees which employees are in which projects. The usage is aimed towards both exploration in large corporations and finding team members for upcoming projects.
- I was the initiator and one of 2 developers on the project.
- Technology stack: JavaScript, Textkernel Search! REST API

THE EDITOR TK INNOVATION WEEK 2014 AUGUST 2014 (TEAM)

- Standalone TRXML Editor was one of the projects in the second Textkernel Innovation Week. It was tied for the second prize. The idea behind the project was to create a fully configurable and fully skinnable, mobile-first web editor that could handle very large and complex data such as CVs.
- The prototype was built in AngularJS with a minimal PHP backend (serving the TRXML files via REST).
- I was the initiator and one of 3 developers on the project.
- The project was rebooted in 2015. (as "The Editor") and is currently being rewritten in React and reshaped from a prototype into a full-fledged product.

CANDIDATE QUIZ! TEXTKERNEL IN-HOUSE JULY 2014

- Candidate Quiz! came out of the need to pre-screen applicants for our in-house vacancies.
- On the administrative side, it allows team representatives to create tests/quizzes containing both non-technical and technical questions, specify the expected programming languages of technical questions, expected completion time and manage candidates. It also provides a REST API for integration with ATSes. Each candidate is given a unique test URL which will first show the test overview and later, when started, will time the test, automatically record responses while they're being edited and count the number of edits for each response, tracking the behaviour of the candidate. If the administrative user has specified expected programming language for the answer, the candidate will get an editor with the syntax highlighting for the appropriate language. This system is still in use for screening technical candidates at Textkernel.
- I was both the initiator and the sole developer of the project.
- Technology stack: PHP, JavaScript, PostgreSQL, jQuery, Smarty

JOBSWIPE TK INNOVATION WEEK 2013 AUGUST 2013 (TEAM)

- JobSwipe is the winning project of the first Textkernel Innovation Week. It was a prototype of a mobile app offering automatic comparison and synchronisation of multiple online profiles (LinkedIn, Xing, Viadeo) with the internal OneProfile™ that would later be used for automatic job matching, profile gap analysis and which was exportable to PDF as a quick and always-accurate CV on the go. The app would offer suggestions to the candidate on how to improve their profile, suggest further education, show current market trends and allow direct interaction with recruiters.
- I was one of two people behind the idea, while being responsible for both leading a team of 5 and acting as the technical lead.

RS CLASSIFIER COURSEWORK JUNE 2010 (TEAM)

- Developed a data mining system which automatically finds .rs websites, crawls them and classifies them based on user-defined learning set, as part of "Data Mining" course, along with an equal team member
- Implemented in Java (with accent on Lucene, Luke, Jericho and ci-bayes); backed by MySQL DBMS

SEPOS COURSEWORK JANUARY 2010 (TEAM)

- Developed a realistic, multi-tier electronic payment system simulation, with independent bank, PCC and RTGS systems; POS terminal and web shop modules, as part of "Electronic payment systems" course, along with an equal team member
- Implemented in Java (with accent on XMLsec, JAX-WS, JSF, RichFaces, and A4J); backed by XML-based eXist DB

SCENERY.APP PERSONAL PROJECT OCTOBER 2010 (TEAM)

- Developed a pattern-based, automatic "scene release" renamer for OS X.
- Technology stack: Objective-C, Cocoa, REST, XML-based PLIST storage

KRISTAL SMS *EDIT SUMMER SCHOOL* *JULY 2009* *(TEAM)*

- Led a team of 4 through all development cycles of a realistic, multi-tier banking SMS server simulation, with independent user client, application server, database server, web server and web service modules
- Implemented in Java (with accent on Hibernate, JMS, Axis2 and Struts); backed by MySQL DBMS
- Winning team of the competition

DMAP *GRADUATION PROJECT* *JUNE 2009*

- Developed a popular OpenStreetMap/CloudMade client for the iPhone with GPS support, bookmarks management and geo-search capabilities
- Implemented in Objective-C/Cocoa Touch; backed by XML-based PLIST storage

JOGLASI *5 DAYS IN JAVA* *DECEMBER 2008* *(TEAM)*

- Developed a fully functional classfields portal, within the 5-day limit of the competition, along with an equal team member
- Implemented in Java (with accent on JSF, RichFaces, A4J and Hibernate); backed by MySQL DBMS
- Winning project of the competition

SCHOOLINE *MICROSOFT IMAGINE CUP* *APRIL-MAY 2007* *(TEAM)*

- Developed a fully operational distance-learning system, with student and professor modules, including course and lecture management, testing and grading systems, professor-student and student-student communication systems. Along with two other team members who did market research and offered consultations.
- Implemented in ASP.NET (C#) with AJAX enhancements; backed by SQL Server Express DBMS

Skills

- Proficient in Java, JavaScript, PHP, SQL, XHTML, CSS
- Fairly familiar with Objective-C, Cocoa/Cocoa Touch, ASP.NET, C#, C, PL/SQL, ADA, lex/yacc, bash scripting
- Strong believer that technologies are interchangeable
- Experience in product and architecture design
- Experience in web development and web/graphic design
- Fluent in communication with non-technical people (sales, marketing, customers, etc.)

Languages

- Native in speaking, reading and writing Serbian
- Fluent in speaking, reading and writing English
- Basic knowledge of Dutch
- Passive knowledge of Swedish and French

Other interests

- Avid traveller
- Digital photography enthusiast
- Eclectic music geek
- Extraordinary cook