

ALEXANDRA NENADIĆ

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Enthusiastic, focused and goal-oriented IT professional with background in mathematics and computer science and over 11 years experience as a software engineer and researcher working in both industrial and academic software development and cutting edge research.

Key skills

- Extensive **research and analytical skills**
 - o Problem analysis, solving and troubleshooting
 - o Critical and out-of-the-box thinking, cutting edge research and innovation
 - o Experience in full software life-cycle, from gathering requirements to deployment
- Profound experience in **a wide variety of IT technologies**
 - o Extensive experience in software engineering
 - Wide-ranging experience in programming (**Java, Perl, C**)
 - Software design technologies and tools (**UML, Enterprise Architect**)
 - IDEs (**Eclipse, NetBeans, JBuilder**)
 - Version control systems (**CVS, SVN, git**) and continuous integration tools (**Hudson**)
 - o Expertise in security technologies
 - Secure Internet and Grid communication protocols (**Globus, ssl**)
 - Credential and identity management systems (**LDAP, Shibboleth, Kerberos**)
 - o Proficiency in Web services' technologies
 - **REST, SOAP**, servers (**Apache, Tomcat**) and frameworks (**Rails**)
 - o Wide experience in Web application and presentation technologies
 - **XML, XSLT, XPath, HTML, WML, CSS, CGI, Java servlets/portlets, PHP, ASP**
 - Portal frameworks (**Liferay, Sakai**)
 - Content management systems (**WordPress, Mambo, Joomla**)
 - o Database management systems (**mySQL, SQL Server, ORACLE**)
- **Team work** and **excellent communication skills**
 - o Working in teams on multiple and quick adaptation to new projects
 - o Wide experience in **technical writing, reporting** and **presentations**

Education

- 2002 – 2005** **PhD in Internet Security**
School of Computer Science, University of Manchester, UK
Thesis title: 'A Security Solution for Fairness and Non-repudiation'
- 1995 – 1999** **MMath in Computer Science and Mathematics** (1st Class Hons, top 5% of the class)
Department of Computer Science, University of Belgrade, Serbia
Faculty's 2000 Award for the Best Students (96.2% GPA)

Employment history

- 2005 –present** **Post-doc research associate and senior software engineer**
School of Computer Science, University of Manchester, UK
- 2002 – 2005** **Research associate and software engineer**
School of Computer Science, University of Manchester, UK
- 2000 – 2001** **Software developer**
eMobile (UK) Ltd, Manchester, UK
- 1999 – 2000** **ORACLE developer**
DUEL, Belgrade, Serbia