

Elie EL KHOURY

PERSONAL DATA

CURRENT ADDRESS: Nordbahnhofstraße 11, 70191 Stuttgart, Germany
NATIONALITY AND DATE OF BIRTH: Lebanese | 15 September 1981
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WORK PERMIT: Possess a German work permit

WORK EXPERIENCE

- Current*
MARCH 2011 | Project Lead / Senior Software Engineer at 3CAP TECH., Germany
Software Department
- I am leading a team of five developers at 3Cap technologies. My responsibilities involves planning, and designing the architecture as well as the security infrastructure of the software. This takes 50% of my time, and the remainder is reserved for assisting the team in the software development. The project is a CRM web application targeting consulting agencies, developed using J2EE, and based on the Spring Framework. The list of technologies I am using along with responsibilities:
- Software framework: Spring Framework
 - Database: MySQL 5.5 and the persistence is done through JPA 2.0 using Hibernate.
 - Security: Custom design following the owasp guidelines (heavily dependant on AspectJ) along with the basic settings of Spring Security.
 - Modularity: I designed the architecture in a modular way by separating the different contexts and reducing the dependancies between. Finally taking advantage of the IoC that Spring provides.
 - Responsibilities: Weekly code review, architecture review, and SCRUM User Stories validation, along with assisting the Product owner in requirements gathering
- MAR 2011 | Associate Researcher at SAP LABS , France
OCT 2010 | *Automatic risk management in a supply chain*
- I was involved in the RESCUEIT Project (AMR Funding), specifically on optimizing the risk assessment within the supply chain by taking advantage of the feedback information provided by the sensor devices deployed in the environment. At the end of those six months I presented a paper about the risk assessment in the suply chain. (Ref:Dr. Laurent Gomez, laurent.gomez@sap.com)
- OCT 2010 | Associate Researcher at the UNIVERSITY OF GRONINGEN, The Netherlands
SEPT 2007 | *Web service composition and monitoring*
- I was a member of the distributed systems group (<http://ds.rug.nl/cs>) led by Prof. Marco Aiello. I was involved in the SM4ALL Project (EU Funding), with a focus on web service composition and transactional web services.
- SEPT 2005 | Software Engineer at NETWAYS, Lebanon
APR 2005 | *Research and Development Department*
- I was a member of the R&D unit. My main task was to lead a small team of 3 developers to design and develop enterprise applications for the client using Microsoft technologies (.Net). In my last project, I worked as a workflow expert consultant (using .Net Framework) for ICICI Lombard (insurance company) in Mumbai.

WORK EXPERIENCE (CONTINUED)

- APR 2005 | Software Engineer and Team Lead at the MILITARY POLICE, Lebanon
SEPT 2004 | *IT Department*
I was a leading a team of 4 developers. My main task was to develop applications for the internal use of the Military Police using .Net technologies and SQL server.
- AUG 2004 | Software Developer at SMARTDOT, Lebanon
APR 2004 | *Research and Development Department*
My main task was to develop web applications for the clients of SmartDot using .Net technologies and SQL server.
- JAN 2004 | Database Designer at INDEVCO, Lebanon
NOV 2003 | *IT Department*
My main task was to design SQL server databases. Also worked on writing reports from these databases using crystal reports.
- DEC 2004 | Software Developer - Freelancer at SYS.CO, Lebanon
DEC 2003 | *IT Department*
I was in charge of developing different application for local shops in Beirut area.

EDUCATION

- JUN 2007 | Research Masters in COMPUTER SCIENCE, INSA (<http://www.insa-lyon.fr>), Lyon, France
SEPT 2006 | Speciality: Service Oriented Architecture (SAO)
Advisors: Prof. Mohand-Said HACID
- JUN 2006 | Masters in COMPUTER SCIENCE, INSA (<http://www.insa-lyon.fr>), Lyon, France
SEPT 2005 | Speciality: Information Systems
Advisor: Prof. Mohand-Said HACID
- SEPT 2004 | Bachelor of Engineering in COMPUTER & COMMUNICATION
SEPT 1999 | Notre Dame University (<http://www.ndu.edu.lb>), Beirut, Lebanon

COMPUTER SKILLS & COMPETENCES

Languages and technologies

- .Net Technologies: VB .NET, C#.
 - Web Applications: ASP .NET v3.5, Web controls, XML / REST Web Services.
 - Windows Applications: .Net Components, WPF.
 - Networking: **WCF (Windows Communication Foundation).**
 - Java technologies: Java Application, Java Applet, **Java web services using AXIS, JSP, Java server faces, Spring MVC, JPA (Hibernate), Spring framework**
 - Others: **XML, XPATH, HTML, JavaScript, CSS, XForms, JQuery, Latex, JSON**
 - Application Security: My expertise ranges from Web applications security by protecting them from the 10 security risks stated by OWASP. Additionally

 - Operation Systems: Windows XP/Vista/7/2008 Server, Ubuntu Server v9
 - Databases: Microsoft SQL Server 2008, MySQL, Access 2007, MongoDB
 - Development Platforms: .NET Framework, J2EE
 - Web Servers: IIS 7, Apache Server, Tomcat Server
 - Products: Captaris Teemplate Workflow (Opentext), MS Office, Visual studio .net, Eclipse
- My knowledge in the features in this list range form intermediate and above*

AWARDS

I was member of the winning team of the web service challenge 2008 which was held in Washington D.C., in the USA on July 23rd during the 2008 Joint IEEE Conference on E-Commerce (CEC'08) and Enterprise Computing, E-Commerce and E-Services (EEE'08). My team was awarded in both prize categories, gaining first place for the system architecture and first runner up for the performance of the system.

SCIENTIFIC PUBLICATIONS

- Master thesis* Configuration of Composite Web Services
el Khoury, E. (Supervisors: Hacid, M.S. & Coquery, E.)
University of Claude Bernard - Lyon 1, 2007
- Conf.* Visualizing Compositions of Services from Large Repositories
Aiello, M., van Benthem, N. & el Khoury, E.
E-Commerce Technology and Enterprise Computing, 2008
- Conf.* Optimal QoS-Aware Web Service Composition
Aiello, M., el Khoury, E., Lazovik, A. & Ratelband, P.
E-Commerce Technology, IEEE International Conference on, 2009
- Journal* Transaction management in Service-Oriented Systems: requirements & proposal
Sun, C., el Khoury, E. & Aiello, M.
IEEE Transactions on Service Computing, 2010

SIGNIFICANT ACTIVITIES

Events – A member of the organising committee of the research conferences: WETICE 2009, which was held in Groningen, The Netherlands and of VLDB 2009 which was held in Lyon, France.

Presentations – A speaker at the OberSeminar for three consecutive years which were held in Freiburg, Germany (2008); in Groningen, The Netherlands (2009) and in Istanbul, Turkey (2010). In this seminar researchers, students, and guests of the AI and Distributed Systems group report on their current research.

Reviewer – I have been a reviewer for various conferences and Journals including: IEEE Transactions on Services Computing, and Security and Communication Networks.

LANGUAGES

- LEBANESE ARABIC: Mother tongue
ENGLISH: Fluent
FRENCH: Fluent
ARABIC: Fluent
DUTCH: Fair (NT3)
GERMAN: Fair (A2) - Currently learning

HOBBIES

Indoor: Programming, Board and tabletop games, gaming consoles.

Outdoor: Walking, biking, barbecue-ing, basket ball and working out at the gym.

REFERENCES

References and recommendations are available upon request