**Sofiane Zairi (MSc., PhD.)**

***Manager Product Dev. Financial Services***

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| Summary |
| * Good **Project management** and **leadership** experience * **Enthusiastic** and skilled in **motivating** and **communicating** with employees * Working well under pressure, and **communicating ideas clearly** and **effectively** * Good **working experience** in multi-cultural environments * Experienceof variousSoftware Development Life Cycle(**SDLC**)processes and methodologies * Experience of **Java/J2EE** Design and Development * Good understanding of Software **Security** * Good knowledge of various **Software** **architectures** * Good **analytical**, and **financial** Software development experience |

# Education

### *PhD.* - Applied Computer Science

### **Ecole Centrale de Lyon**, France, 1997 – 2001

### *MSc.* - Dispositifs de L’électronique intégrée

INSA de Lyon, France, 1996 – 1997

# Languages

* **Arabic**: Bilingual
* **English**: Worked for about 10 years in UK
* **French**: Lived and studied for about 5 years in France

# Career History

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| Manager – *Product Development* **Sungard Co.**  Java/J2EE Software Dev. Financial Services  since Mai 2011  Tunis, **Tunisia** Project Lead – Car telematics & GPS tracking **IMS Co.**  Java/J2EE development  Jan 2011 – Mai 2011  Waterloo - Ontario, **Canada** Team Lead – *Livecycle ES BPM & SOA platform* **Adobe Co.**  Java/J2EE development  August 2007 – Dec 2010  Edinburgh, **UK** | Senior Developer – *Web development* **Digirati Ltd.**  Java/J2EE development  Jan 2006 – July 2007  Glasgow, **UK** Developer – Financial *trading platform*  **Streamingedge Co.**  Java/J2EE development  March 2004 – Jan 2006  London, **UK** PostDoc – *MEMS design* **Strathclyde Uni.**  Integrated Systems  Sept 2001 – Feb 2004  Glasgow, **UK** |

# Accomplishments

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| Manager - Financial Software development, **Sungard Co.**   * Ongoing - Project Management to design new Exchange Gateway components for Middle and Back office Post-trade Derivatives systems. Markets include FEX, DGCX, OCC, and MEFF * Previously - Worked with a multi-site Dev. team, which is based in Tunis, US and India to deliver a new architecture of the OmniLink product, based on an Enterprise Service Bus (**ESB**) and an **OSGi** container in order to move towards a **Multi-Tenant** based hosting model, and enhance the business service model towards a **SaaS**-driven cloud service offering * Built a strong and autonomous **SCRUM** team and helped instating a collaboration culture across locations, i.e. between Tunis, India, and US teams * Followed a Test Driven Development (**TDD**) approach for our development process to improve our product quality and reduce ownership cost * Performing code review with the help of Maven site plugins * Migrating screens from IceFaces to **HTML5**, **JQuery**, **JSON**, and **AJAX** * Tweaking Software performance, such as memory and speed optimization, using JVM profilers like JProbe * Worked with the wider QA and Code Move (SCM) teams to improve our SDLC process by designing and integrating a wide range of regression and integration test plans, with the Bamboo nightly builds * Persuaded VP Omni Development and the release team to move from SVN to a Git based SCM system, to improve the commit and the codebase merging experience for developers | Since Mai 2011 |
| Project Lead - GPS tracking systems development, **IMS Co.**   * Worked as a Scrum master, where I helped improving the release time delivery by implementing an Agile based methodology for the dev team * Migrated from Ant to a Maven based build and release management approach to improve build automation and integration with Hudson CI etc.   Team Lead - BPM and ESB development**, Adobe Systems Co.**   * Prepare KPI metrics and reports to upper management * Responsibilities included also task distribution to dev team based on Jira issue tracking system * Provided component design for Livecycle ES (LCES) ESB pertaining Camel integration and Security layers * Provided deployment guides of the LCES Java enterprise application for various application servers, i.e. Weblogic, Websphere and JBoss * Provided codebase review, which contributed in improving team coding style and quality | 2007-2011 |
| Java/J2EE Senior Developer - Financial trading platform & web development, **Streamingedge & Digirati Ltd**   * During this role, I have acquired a good knowledge of various financial instruments, the settlement and the clearing processes that follow traded transactions * I had the opportunity to develop few components of the Streamingedge trading platform, to perform some bug fixing and to troubleshoot some performance related issues * Worked with the brokers to gather enhancements requests and new requirements * Used and consolidated my analytical skills during component development   Research & Development - Analytical modeling and numerical simulations, **Strathclyde univ.**   * During PhD and PostDoc projects, I had the chance to learn and innovate in the realms of analytical modeling and numerical simulations. using various Multiphysics and CAD tools, including MATLAB, ANSYS, FEMLAB, MEMSCAD, Origin, etc. * I had also the chance to try various programming and scripting languages including C++, Verilog, MATLAB Script, etc * During these two projects I learnt also about project proposal plan, searching writing and publishing articles/patents, prepare for presentations, communicating results and presenting them to wider audiences | 2001 - 2007 |