

# Maurice Naftalin

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## **Professional Summary:**

Experienced Senior Java Specialist (Java Champion) with a proven track record of delivering innovative technical solutions and tailored in-depth training courses. Key strengths include: using advanced Java skills to design, develop and implement robust business solutions; tailoring and delivering classroom training on various topics including Java (SE and EE), Spring, and Hibernate, for all levels from new graduates to experienced developers; authoring books on Java, including *Mastering Lambdas* (Oracle Press, 2014), which explores the features of the latest Java release (Java 8); collaborating with key stakeholders to implement the realisation of their vision.

## **Key Expertise:**

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| <ul style="list-style-type: none"><li>▪ Designing &amp; Developing Java Solutions</li><li>▪ Delivering Proofs of Concept</li><li>▪ Detailed Requirements Gathering</li><li>▪ Java (v1 to v8), C, SQL, bash/ksh, Prolog</li><li>▪ Spring Framework/Integration/Batch</li><li>▪ Java Enterprise Edition (JEE 6, 7)</li></ul> | <ul style="list-style-type: none"><li>▪ Leading Small Development Projects</li><li>▪ Team Leadership &amp; Mentoring</li><li>▪ Stakeholder Relationship Management</li><li>▪ Tailoring &amp; Delivering Training Courses</li><li>▪ JavaOne Rockstar (x2) &amp; Java Champion</li><li>▪ Technical Authoring (two standard Java Texts)</li></ul> |
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## **Career Highlights:**

- Visa was seeking to develop a mobile payments platform to compete with PayPal. As Software Architect, I was engaged to support the realisation of the architectural vision. I contributed to the high level design; developed proof of concept using Mule as the ESB; collaborated with Product Owners to design secure payment solutions; developed back-end services based on Java 6 & Spring Integration (developed using Scrum); and delivered Java training courses. I succeeded in playing an integral part in a \$200m secure mobile payments solution (V.me).
- Morgan Stanley has an international graduate programme which requires the delivery of technology and languages training courses. As Senior Trainer, I was responsible for delivering courses. I reviewed materials provided by Mallon Associates; tailored content; contributed to training schedule; delivered training on topics including Java, Unix Tools, C# and object orientation; and acted as project manager for graduate projects, including one of the projects selected for company-wide presentation.
- Oracle Press wished to commission a new book on the new Java 8 features. As author, enlisted to write the new book. I conducted research on Java 8 features; consulted with the Oracle Java Architect and his team to understand the product drivers; discussed focus of the book; produced first draft; forwarded to Technical Editors; controlled content for publication; liaised directly with publishers. I succeeded in launching the new book *Mastering Lambdas – Java Programming in a Multicore World* at JavaOne in Sept 2014.

### **Career History:**

**Company:** Various Companies  
**Position:** Freelance Senior Java Specialist & Trainer  
**Dates:** September 1996 to Present

Since September 1996, operated as a Freelance Senior Java Specialist & Trainer providing key services including the design, development and implementation of Java-based business solutions and the delivery of tailored training courses.

- Led and coached teams of Java, RPG and Swing developers to deliver multiple releases.
- Analysed business requirements and produced design architecture working in collaboration with Product Owners and senior level stakeholders.
- Managed the completion of daily development tasks and mentoring team. Acted as Quality Controller for all new/amended code and ensuring compliance with authentication protocols.
- Managed the implementation of new development under controlled release cycles.
- Designed new or tailored existing course materials and prepared detailed schedules. Delivered classroom training programmes on various technology and programming topics. Acted as Project Manager for graduate development projects based on real-life scenarios.
- Developed two books on Java and recommended by Oracle Java Language Architect to document the key new features of Java 8.
- Analysed business requirements and produced design architecture working in collaboration with Product Owners and senior level stakeholders.
- Managed the completion of daily development tasks and mentoring team. Acted as Quality Controller for all new/amended code and ensuring compliance with authentication protocols.
- Managed the implementation of new development under controlled release cycles.
- Designed new or tailored existing course materials and prepared detailed schedules. Delivered classroom training programmes on various technology and programming topics. Acted as project manager for graduate projects based on real-life scenarios.
- Developed two books on Java and recommended by Oracle Java Language Architect to document the key new features of Java 8.

### **Notable Assignments:**

- Engaged by Department for Work & Pensions to manage a team of ten Swing/Visual Age programmers, working alongside EDS to deliver a Customer Management System.
- Engaged by NSB Retail Systems to jointly oversee the transition of a team of 30 users from a RPG/green-screen technology onto a three-tier Java application with both Swing & HTML presentation. Designed two large Swing applications and included an RMI layer, with the application hosted on Tomcat.
- Engaged by VMWare to provide consultancy support to a major Finnish retail chain on converting offline database processing to use of Spring Batch
- Engaged by Morgan Stanley to deliver a series of tailored training courses on numerous subjects including object orientation, Java, JEE and C#. Conducted classroom training sessions to International Graduates and project-managed development projects.
- Engaged by Neueda to prepare/deliver a number of training courses including Java Fundamentals, Java Enterprise Edition and Citibank Graduate Programme.
- Engaged by Learning Tree, Sun Education Services, Javaspécialists.eu and Kodework to deliver various courses on advanced Java topics such as serialization, reflection, performance tuning, advanced concurrency and multi-threading techniques.
- Engaged by a leading merchant bank to design and deliver an advanced Java course as part of their main induction programme. Implemented a case study involving a stock trading system with a two-tier Swing frontend connected to Sybase.
- Engaged by an operational support company based in Fife to develop the systems to support different digital satellite networks. Managed the team developing the Swing frontend and proposed replacing existing socket-based communication with JMS.
- Engaged by Forthright Innovation to undertake technical consultation assignments and evaluated potential new tools. Conducted a feasibility study on a service to enable a local map-maker to support GPS devices.
- Engaged by the Department of International Development to assist in the conversion from a mainframe system to a UNIX platform, requiring the re-writing of scripts using Korn shell.

**Company:** Visa Inc  
**Position:** Software Architect (Contract)  
**Dates:** July 2010 to December 2011

Visa Inc is a major technology and payment processing business, supporting the processing of millions of payment transactions from major customer including retailers and consumers.

- Primarily engaged to provide technical consultancy services including development on a major digital wallet programme (V.me).
- Reported to Project Manager and operated within a team of 15+ Java Developers.
- Developed a proof of concept through participating in architectural discussions. Worked alongside key stakeholders/sponsors and Technical Architect to mould solutions.
- Assessed technologies including Spring Integration and Mule. Prepared presentations on various options and forwarded to Architect for delivery to the business.
- Collaborated with Product Owners to ratify proposed solutions for secure mobile payments. Liaised with external suppliers to identify authentication products and prototype options.
- Developed endpoints for communicating with Anti-Money Laundering and authentication services using Spring Integration. Documented system architecture.
- Trained and mentored Java developers. Created custom courses on basic architecture and provided 1-to-1 and classroom sessions to deliver technical training.
- Met face-to-face with external suppliers such as SpringSource to assess the capabilities of different caching products. Discussed architectural requirements and integration points with technical experts.
- Entered into meetings with Visa Architects to outline the new release and outlined the incorporation of the new solution into the existing architectural landscape.

**Key Achievements:**

- Delivered new high level design options to support the \$200m project and facilitated the development of the new secure mobile payments capability V.me.
- Entrusted to coach and mentor the internal Java developers to increase the technical capabilities within the internal development team.

**Earlier Career Roles:**

- 1992 to 1996: Lloyds Register: Consultant Software Engineer & Project Manager
- 1984 to 1992: Stirling University: Research Fellow
- 1982 to 1984: Wolverhampton University: Senior Lecturer
- 1977 to 1981: ICL: Team Leader
- 1974 to 1977: British Steel Corporation: Software Programmer

**Certifications, Qualifications & Training:**

- Sun Certified Java Programmer
- JavaOne Rockstar (2013, 2014)
- Java Champion
- MSc Chemical Spectroscopy, University of East Anglia
- BSc (Hons) Chemistry, University of Southampton

**Professional Memberships:**

- MBCS - Professional Member of the British Computer Society
- Chartered IT Professional

### Technical Skills:

- **Programming Languages:** Java(1.0 to 8), C, SQL, Perl, Prolog
- **Design Tools:** OO design with UML, GoF and Enterprise Integration design patterns
- **Enterprise APIs:** Spring 3 (including Spring Integration & Spring Batch), Hibernate 3, RMI, EJB3), JPA, JMS, JSP, Servlets, JNDI, JAX-RS, dom4j, JavaMail, Servlets
- **GUI Programming:** Java Foundation Classes (incl. Swing), Flex 3.0, HTML, CSS3, JavaScript, jQuery
- **Command Languages:** Bourne and Korn shell scripting
- **Operating Systems/Application Servers:** Unix (various, esp Linux and Solaris), Mac OS X, Tomcat 6, 7, Glassfish 4
- **Other Tools:** XML, HTTP, Maven 3, Ant, JUnit 4, XP/Agile, Subversion, ISO9001; domain experience in database applications, operating systems, user interfaces, multimedia, Web design, retail systems, payments industry

### Personal Details:

- Address: 2F1, 18 Buccleuch Place, Edinburgh EH8 9LN
- Driving Licence: Full Current

### Recommendations:

To be Added.