

# Curriculum Vitae

## Steph Meslin-Weber

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### Technical

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#### Skills:

- Languages: Java (J2SE, J2ME, expert, 8 years, Sun Certified Java Programmer), Embedded C (intermediate, 2 years), Others (C++, Shell, SQL, Python, intermediate, 12 months)
- J2SE APIs: J2SE-Core (Swing, AWT, Networking, IO, Threads, Performance)
- J2ME APIs: JSR-118 (MIDP2), JSR-139 (CLDC1.1), JSR-209 (Advanced Gfx), JSR-135 (MMAPI), JSR-75 (File & PIM), JSR-177 (Security)
- Methodologies: OOD, OOA, Agile Development (XP, TDD, UML)
- Usability: UI Design, Interaction Design, User Experience

#### Platforms:

- Host Platforms: Windows, Linux
- Target Platforms: Linux (x86, ARM), Nokia Series 40 (ARM), SavaJe

#### Tools:

- Databases: PostgreSQL, MySQL, H2, SQLServer, Access
- Productivity: Lotus Notes, Outlook
- Tools: Eclipse, EclipseME, Netbeans, VC++, Sun WTK, Ant
- Issue Tracking: Lotus Notes, Bugzilla, Remedy, Mantis
- Source control: SVN, CVS, ClearCase, Continuous/Synergy, BitKeeper, SourceSafe
- Debugging: Serial, Musti, JDWP, FastTrace, Phoenix, Bytecode Analysis
- Testing: J2MEUnit, JUnit, Cobertura
- Linux Distributions: Ubuntu, Debian, RedHat, OpenEmbedded, OpenMoko

### Employment

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#### Senior Software Engineer, Alten UK LTD

January 2004 - June 2008

*Professional Services Provider, various clients, see below*

#### Technical Consultant, Automatiks USA

October 2007 - March 2008

*Alten project #7, Research & Prototyping*

- GUI and usability platform research (widget toolkit research)
- Flexible J2SE Swing prototype development and support, exhibition support

#### Senior Software Engineer, Nokia UK

March 2006 - August 2007

*Alten project #6, S40 Java Platform, LCDUI development*

- J2ME Core (JSR-118) LCDUI API Development, specification and testing
- J2ME/C handset application and API development
- Development and integration of S40 Java Platform with Eclipse debugging
- JDWP prototype and development
- Eclipse plugin development & maintenance

**Senior Software Engineer**, France Telecom R&D UK      January 2005 - February 2006

*Alten project #5, Orange Service UI development*

- Design and implementation of OMSE UI design using Swing
- Modifications to SavaJe OS for Orange Experience
- J2ME handset application development
- Orange Experience UI implementation and design
- Demonstration of full potential of the OMSE design and of the SavaJe platform

**Senior Software Engineer**, France Telecom R&D UK      October 2004 - December 2004

*Alten project #4, Orange Service UI development*

- Design & development with SavaJe platform using Swing
- J2ME handset application development
- Integration of SQL database into the SavaJe platform
- Staff training: Advanced Java and fault resolution on SavaJe OS
- Requirements capture for Orange Mobile Service Experience (OMSE) UI design

**Senior Software Engineer**, France Telecom R&D UK      September 2004 - October 2004

*Alten project #3, J2ME research & development*

- Staff training: JCP and J2ME Specification Request digest
- Staff training: Advanced Swing on SavaJe OS
- J2ME application prototype development and assessment

**Senior Software Engineer**, France Telecom R&D UK      June 2004 - September 2004

*Alten project #2, Branded User Interface development*

- Development, specification and testing for BUI prototypes using Swing
- Exhibition, presentation and support for BUI prototypes
- Usability and user experience improvements for BUI prototypes
- Extended SavaJe platform for full theming features
- Specification for new features, including UML diagrams

**Senior Software Engineer**, France Telecom R&D UK      January 2004 - June 2004

*Alten project #1, Contextual PIM development*

- Personal information management protocol implementation
- Mobile OS research and reverse engineering
- Staff training: advanced Java topics including mobile development, Jini and Swing
- Tool development for SavaJe platform
- Full rewrite of core SavaJe platform applications using Swing

**Software Engineer**, Retek Information Systems UK      September 2003 - December 2003

*Tactical Engineering*

- API design & implementation for logistics UI and data management tools
- Assessed new software architectures and recommended solutions
- Software maintenance
- AWT UI development

**Technical Consultant**, Alivero UK LTD      January 2003 - July 2003

*Medical device development*

- Native library customisation, platform integration using Qt and Java PersonalProfile
- Development and testing of kiosk functionality

**Software Developer**, Riversoft PLC

March 2001 - October 2002

*Network management development*

- Java/Swing development and key performance optimisation and UI improvements
- Custom Swing component and layouting implementations

**Additional Positions**

January 1996 - August 2001

- Java Developer / Systems Administrator, Undisclosed UK 1.5 years
- VBA Developer, PCP Technologies UK, London UK 2 months
- Claims Clerk, EdExcel Foundation, London UK 1 month
- Volunteer, Save the Children Foundation Charity, London UK 4 years

**Education**

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Completed 4-year BEng in Electronic Engineering course September 1996 - June 2000  
University of London, UK  
A-Level: Computer Science, Chemistry, AS-Level: September 1992 - June 1996  
Mathematics, Physics  
10 GCSEs (A-C), including Maths and English  
Eaglesfield School, London, UK

**Conferences**

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Exhibitor stand support and development Salon de l'Automobile, Geneva, 2008  
"Introducing FBToolkit, AWT on Framebuffers", FOSDEM, Brussels, 2004 - 2008  
"FBToolkit update", "Inside Wireless Telecoms"  
"Introducing Branded User Interface, using Jardin de l'Innovation, Paris, 2004  
SavaJe and Swing-lite"

**Patents**

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Patent WO/2007/119097: *Method for managing shared data and related device*

**Open Source Project contributions**

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Project	Status	Website
FBToolkit (GUI Library for AWT)	Author	<a href="https://fbtoolkit.dev.java.net">https://fbtoolkit.dev.java.net</a>
BDF and PCF font engine		
GNU Classpath (core Java library)	Contributor*	<a href="http://classpath.org">http://classpath.org</a>
Kaffe VM (virtual machine)	Contributor	<a href="http://kaffe.org">http://kaffe.org</a>
Mauve (core class test suite)	Contributor	<a href="http://sources.redhat.com/mauve">http://sources.redhat.com/mauve</a>
Apache Harmony (Java 2 SE)	Contributor	<a href="http://harmony.apache.org/">http://harmony.apache.org/</a>
OpenEmbedded	Contributor	<a href="http://openembedded.org">http://openembedded.org</a>

\*Free Software Foundation copyright assignment on file

**Personal**

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Languages: English, French

**Hobbies**

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Rock climbing, photography, reading, skiing

**References**

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*Available on request*