Curriculum Vitae

Personal Details

Name:	Giles Paterson	**Nationality:**	British
D.O.B:	12/07/1977	**Email:**	giles@vurt.co.uk

Key Technical Skills

Languages:

Java (J2EE, J2SE, J2ME, Android)	Python	Javascript
Perl	SQL	Php
C/C++		

Technologies/Frameworks:

Spring	Hibernate	Maven
Ant	HTML (XHTML, CSS, DOM)	XML (JAXP, SAX & DOM)
XSL		

Methodologies:

Extreme Programming	UML	OMT
RAD	OO Analysis & Design	Waterfall Lifecycle

Platforms:

Windows	Linux	Solaris
Mac OS X		

Education & Training

Ongoing	M882 Managing the Software Enterprise	The Open University
2009-2010	M865 Project Management	The Open University
2001	TogetherSoft UML & Product Training	Sila Communications
1995 – 1999	MEng Software Engineering	University of Bradford
1995	2 A Levels (Maths & Biology)	Newcastle Royal Grammar School
1994	1 A.O. (Maths)	Newcastle Royal Grammar School
1993	10 G.C.S.E.s (inc Maths & English Language)	Newcastle Royal Grammar School

Career History

Jun 2006 – Present	West Midlands Fire Service	Principal Developer, Team Leader, Software Architect
Nov 2001 – Jun 2006	Runservicenet Limited	Architect, Infrastructure Coordinator & Developer
Jun 2000 – Nov 2001	Synamic Ltd./Sila Communications	Technical Product Specialist & Software Architect
Jul 1999 – Jun 2000	Logica Plc	Consultant & Developer
Jun 1998 – Sep 1998	Point.co.uk	Developer (Industrial Placement)
Jun 1997 – Sep 1997	Chevin Software Engineering	Developer (Industrial Placement)

Profile

I have an MEng in Software Engineering from the University of Bradford and over 11 years commercial experience within the I.T. industry. This experience has been gained in various market sectors including Public Sector, Business Intelligence, Telecommunications, Finance and Transport. I have over 15 years of development experience, in several languages and utilising many different technologies and methodologies.

I am an intelligent and versatile person who is equally at home with a hands-on technical role or a client-facing commercial role. I have excellent communication and interpersonal skills and relish a challenging career. I consider myself to be a motivated self learner, always keeping abreast of the latest developments and practices in software engineering. I'm an unashamed geek and open source advocate who relishes a challenge and solving problems, whether at work or with my hobbies. Outside of work, I like to dabble in black and white photography and am a keen walker and cyclist.

Summary of Experience

West Midlands Fire Service   **Jun 2006 – Present**
I joined the West Midlands Fire Service's in-house development team in order to help them transition from their old Oracle Forms based infrastructure to an integrated Java application platform. I have had extensive team leading and mentoring duties while working here as well as project management and development work.

I've been involved in a number of projects that have been used both internally and externally, most notably a custom web based workflow application platform. The platform makes extensive use of Spring & Hibernate and allows new applications to be easily written using XML. Applications can make extensive use of data stores and web services in order to perform their required functions.

In addition I have been leading a project to develop a learning and development system called Melio, based around the National Occupation Standards that all operational firefighters are measured against. This application integrates with our workflow platform and is in use by all 2000 operational staff. Currently we are developing our application suite and platform for use by other fire services, as part of a central government project to promote interoperability and regional control centres.

I have been instrumental in improving the quality of the development process of the whole team, implementing and educating the team in the use of version control, unit testing, automated builds and deployments.

Runservicenet Limited   **Nov 2001 – Jun 2006**
Runservicenet is a privately funded start-up company that was formed in October 2001 with the aim of developing a world-class business intelligence platform.

I worked as an architect and developer as part of a 10-man team, developing an innovative, and enterprise scale business intelligence product. I was the senior developer and team leader for part of the team and reported directly to the head of development. In addition to my design and development roles, I was responsible for the project's technical infrastructure. This includes the installation and configuration of the version control system (CVS) and the network of testing machines, including the backup policies. I have also been responsible for instigating and ensuring adherence to the various development, documentation and testing processes. I left shortly after

Runservicenet was acquired by Longview Solutions, in order to relocate to the West Midlands.

Synamic Ltd / Sila Communications   **Jun 2000 – Nov 2001**
Sila was a leading provider of network and device independent wireless solutions and mobile delivery systems. Sila was a joint venture between Aether Systems and Reuters. Selections of the projects I have worked on at Sila include:

Sms Internet Information & Media Service
This project saw me lead a small team, overseeing the design and development of an SMS based information service. The aim of the project was to develop a generic, two-way interface between web-based information and media and mobile phones, utilising SMS as the transport mechanism. I was responsible for overseeing the development of the project and coordinating between Sila and the third-party SMS Aggregator.

Wireless Banking
I was the Technical Product Specialist in charge of the integration of a third party's banking product with Sila's systems. I designed and lead the development of interfaces between the banking product and Sila's SMS capabilities to provide an SMS based banking product. I was extensively involved with the negotiations to license and develop the banking product and was the central point of contact for technical information concerning the product.

Sila Messaging Gateway
The Sila Messaging Gateway was a server that provides two-way SMS capabilities to other applications. I worked as part of a large team and was responsible for designing and developing key aspects of the system. I was involved in the negotiations between Sila and various third parties (Aggregators and Network Operators) and also designed and developed the Virgin MO capability of the system. This project utilised the Extreme Programming methodology, which ensured the rapid development and testing of the system.

mCommerce Application
I co-architected and implemented an application to allow for payments to be made via SMS. As the senior developer in the team, I was responsible for ensuring work was distributed appropriately between the team members. I was also responsible for implementing a Java interface to a Vodafone Data Networks Radio Pad to allow for the sending and receiving of SMS messages.

MyBusiness
I worked as part of a large team, implementing and testing a Java servlets based business administration and accounts package. I was responsible for developing and testing many Java classes and complex SQL statements that made up the product. The work involved extensive use of the Java testing tools provided by JUnit.

Unfortunately, Sila ceased trading in November 2001 after the downturn in the market caused the parent companies to withdraw their support.

Logica Plc   **Jul 1999 – Jun 2000**
During my time at Logica, I worked on several projects and bid proposals both on and off client sites. Working mainly as a consultant and developer, I gained extensive client facing and communication skills as well as solid technical knowledge. I left to pursue a more challenging role.