

PROFILE

A senior full-stack software engineer with specialisations in object-oriented programming, relational databases, and systems administration. Experienced in Agile software development methodologies, often in a technical leadership role.

Primarily interested in full-time positions in the Surrey / Hampshire / Berkshire area offering opportunities to learn and use modern technologies and system architectures. Open to office-based, work-from-home, or hybrid working arrangements.

TECHNICAL EXPERIENCE

Languages	Java, Python, bash/sh, JavaScript, HTML, CSS, XML
Frameworks	Spring, Java EE, Struts, JPA, Swing, Java3D, Django
Web technologies	JSP, JSF, OpenFaces, jQuery, jQuery UI, DataTables, Bootstrap
Databases	MySQL, H2, Sybase
Testing	JUnit, Mockito, Hamcrest, DBUnit, SpotBugs, JaCoCo, Cucumber
DevOps	Git, SVN, Maven, Jenkins, Nexus, Coverity, Nexus IQ, Ansible
Documents / media	DynamicReports, Sphinx, L ^A T _E X, MS Office, LibreOffice, GIMP, Audacity
Operating systems	Ubuntu, RHEL, Solaris, Windows
Sysadmin	Apache, Tomcat, Glassfish, systemd, iptables, LDAP, LVM, ZFS

GENERAL SKILLS

- › Strong English language skills
- › Trained First Aider and Fire Warden
- › Clean UK driving licence
- › UK passport holder

EMPLOYMENT HISTORY



Swift

Farnborough, Hampshire

Technical Lead, Sanctions Testing

Mar 2022 – Dec 2023

Senior Systems Engineer, Sanctions Testing

Nov 2015 – Mar 2022

- › Development and administration of a cloud service used by leading global financial institutions to evaluate the effectiveness and efficiency of sanctions filters
- › Full-stack software development role, including web layer, business logic, database, and management of OS/network/VM infrastructure
- › Agile development (Scrum, 'Spotify' Model) with 2-week sprint/release cycle
- › Provided technical leadership within a 12-person cross-functional squad
- › Designated as squad security champion and main backline support contact
- › Tech stack: Ubuntu/RHEL, Java 11, Tomcat, MySQL, Spring, JPA, Struts/JSP, Python/bash



Oracle

Reading, Berkshire

Senior Engineer, Global Systems Support Labs

Dec 2010 – Oct 2015

(continuation of previous role post-acquisition)

- › Mixed role running a lab used by Sun/Oracle Systems engineers to provide access to the complete range of Sun enterprise hardware and software
- › Management of a 7,000 sq. ft. datacentre/lab with ~180 racks of enterprise servers, workstations, storage arrays, network/SAN switches, tape libraries, etc
- › Maintenance and administration of Solaris production servers
- › Development of internal software tools
- › Provided training and mentorship for interns and junior engineers
- › Tech stack: Solaris, Java EE 6, Glassfish, MySQL, JPA, JSF, Python, Django, bash/sh

EMPLOYMENT
HISTORY
(CONTINUED)**Sun Microsystems**

Farnborough, Hampshire

Intern/Junior Engineer, Global Systems Support Labs

Jul 2006 – Dec 2010

Sun Campus Ambassador (part-time)

Jan 2008 – Jun 2009

- › Mixed role running a lab used by Sun Systems engineers to provide access to the complete range of Sun enterprise hardware and software
- › Management of a 7,000 sq. ft. datacentre/lab with ~180 racks of enterprise servers, workstations, storage arrays, network/SAN switches, tape libraries, etc
- › Maintenance and administration of Solaris production servers
- › Development of internal software tools
- › Term-time ambassadorial role during 4th/5th years at university, promoting the use of free and open-source Sun technologies via weekly tech talks
- › Tech stack: Solaris, Java SE 5, Sybase, Swing, bash/sh

EDUCATION

**University of Strathclyde**

Glasgow, Lanarkshire

MEng Computer Science

Sep 2003 – Jun 2009

Grade: Distinction

- › Areas of study: software development and design (mainly Java with rudimentary C), computer architecture, databases, networking, HCI, related business and law classes
- › Average marks: 1st year: 78%, 2nd year: 71%, 3rd year: 68%, 4th year: 78%, 5th year: 87%
- › Awards and prizes:
 - › *University of Strathclyde*: Andrew McGettrick prize for Academic Excellence (2009), Best Final-Year Project (2009), Best Third-Year Group Project (2006)
 - › *ScotlandIS*: 2nd place, Scottish Young Software Engineer of the Year (2009)
 - › *Ordnance Survey*: 2nd place, national “Pushing The Boundaries” competition (2009)

**St. Thomas Aquinas Secondary School**

Glasgow, Lanarkshire

Adv. Highers: 2 (A,B) | Highers: 5 (A,A,A,A,B)

2002 – 2003

Standard Grades: 8 (all Grade 1)

2000 – 2001

INTERESTS &
HOBBIES**Sports and outdoors**

Current focuses include badminton, rock climbing, and inline skating. Involved in traditional longbow archery from an early age, including the organisation of events at both club and national level. Keen pool and snooker player. Fond of hillwalking, particularly around the Trossachs, Argyll, and Glencoe.

Media

Enjoys reading mainly fantasy/SF and crime fiction; favourite authors include Terry Pratchett, Christopher Brookmyre, Ian Rankin, and Lindsey Davis. Volunteers as a proofreader and amateurish concept artist for Sarah Lin. Plays drums and is a fan of various musical genres from alternative rock to traditional Celtic.

Gaming

Long-standing PC gamer, dating back to the Commodore 64 era; favourite genres include stealth FPS (*Thief*, *Deus Ex*), RPGs (*Mass Effect*, *Dragon Age*), and 4X strategy (*Master of Orion*, *Endless Legend*). Also a keen board gamer, from the venerable *Scrabble* to modern classics such as *Carcassonne*, *7 Wonders*, or *Quacks of Quedlinburg*.