JONATHAN AIREY

PERSONAL PROFILE
An award winning, commercially aware software developer with knowledge of Java, Grails, PHP, C#, SQL and Python. Highly motivated when working in a team or independently. Conscientious & hardworking, looking to expand experiences.

TECHNICAL SKILLS

Programming Languages	Java, Groovy, C#, PHP
Front End / Web Languages	JQuery, JavaScript, CSS, HTML, JSP, GSP
Architecture	REST, SOAP, Web Services
Databases	Microsoft SQL Server, MySQL, PostgreSQL, Oracle PL/SQL, IBM DB2
Development Environments	OS X, Linux, Windows
Web/Container Frameworks	Grails, Tomcat, Spring, Dropwizard, Docker, Hybris, ElasticPath
Testing Frameworks	JUnit, xUnit, Geb, Spock, Cucumber, Mockito, PowerMock, FindBug, PMD
Cloud Infrastructure	AWS EC2, Elastic Beanstalk, S3, RDS, SNS, SQS, Elasticsearch, Rackspace
Cloud Technologies	Docker, Ansible
Build/CI Tools	Jenkins, Bamboo, Nexus, Artifactory, Sonar, Git, SVN, Maven, Gradle
Performance Tools	JMeter, VisualVM, JProfiler
Other Technology	Jetty, Jersey, Solr, Hibernate, Jackson, Guice, TDD, Agile, Scrum, Kanban

EMPLOYMENT
Apr 2018 – date   **Charlotte Tilbury** (Contract Senior Java Engineer) www.charlottetilbury.com (London, UK)
Working in an internal development team, using eCommerce system ElasticPath. Tasks include:

- Replatforming Magento website platform to a new system using ElasticPath
- Working at various levels, including architecture planning, low level design, estimation, and development tasks
- Leading a backend team of developers, ranging from junior to senior level
- Integrating with NetSuite for order processing and financial reporting

Languages/Technologies: Java, Spring, ElasticPath, Apache Maven, MySQL, HTTP, SOAP
Software: ElasticPath, Apache Tomcat, Git, TeamCity, IntelliJ IDEA, JIRA, Confluence

Apr 2017 – Apr 2018   **Open Reply / Berry Bros & Rudd** (Contract Senior Java Developer) www.bbr.com (London, UK)
Working in a consultancy Open Reply for the client Berry Bros & Rudd. Website is built with SAP Hybris. Tasks included:

- Amending WorldPay payment service integration to allow customer service agents to save new customer cards
- Performance analysis using VisualVM, estimating work required and performing the code changes
- Integrating Hybris platform with new SAP system via Mule, replacing two mainframe systems
- Working on low level design, estimation and development tasks for Sales Order in the migration project

Languages/Technologies: Java, Spring, Hybris, MySQL, HTTP, SOAP
Software: Hybris, Apache Tomcat, VisualVM, Git, Bamboo, IntelliJ IDEA, JIRA, Confluence

Apr 2015 – Apr 2017   **Rapha** (Solutions Architect / Senior Java Developer) www.rapha.cc (London, UK)
Working on internal development team that have in the past depended on consultancy companies. Rapha have transitioned to bringing a lot of development work and experience in house. Tasks included:

- Developing with Hybris Commerce Suite 5.0, 5.4, 5.7 and now 6.2 using many OOTB and custom extensions.
- Liaising with internal stakeholders, scoping requirements of website enhancements to suit business needs.
- Following Scrum Methodology, breaking down work into Epics and User Stories.
- Assisting Product Owners in creating User Stories for development team and holding weekly Estimation sessions.
- Designing high level technical Epics and assigning to development team, managing work progress in 2-week sprints.
- Analysing code using New Relic, JMeter and SonarLint for performance improvements.
- Moved team from SVN to Git. Improved release process from 1-2-month releases to weekly releases using Git Flow.
- Creating automated CI and build/deploy process using Git, Jenkins, Gradle and Ansible.

Languages/Technologies: Java, Spring, Hibernate, Hybris, SQL Server, MySQL, SOAP, JavaScript, JQuery, CSS, HTML, Geb, JUnit, Mockito, JMeter, SonarLint
Software: Hybris, Apache Tomcat, Apache HTTP Server, Git, SVN, Jenkins, JRebel, IntelliJ IDEA, JIRA, Confluence

Nov 2013 – Mar 2017   **Online Skate School** (Director) www.onlineskateschool.com (London, UK)
Set up a small business with 3 associates that provide online Ice-Skating tutorial videos. Created the website using Grails and Twitter Bootstrap running in a CentOS environment. Strong use of BDD throughout.

Tasks included:
- Designing and developing www.onlineskateschool.com
- Analysing business requirements
- Following *"The Lean Startup"* methodologies and creating Minimum Viable Product strategies

Languages/Technologies: Groovy, Grails, JQuery, Javascript, CSS, Twitter Bootstrap, Apache Tomcat, Apache HTTP Server, MySQL, Jenkins, Yum, GGTS, IntelliJ IDEA, AWS, EC2, Elastic Beanstalk, RDS, S3

Mar 2014 – Apr 2015   Powa Technologies (Senior Java Engineer) www.powa.com (London, UK)
Working on Automation team as a Technical Lead and worked on the AIM team as a Senior Java Engineer. AIM is a platform Powa has created for PowaTag. Tasks include:

- Building automated testing suite for AIM and End to End automated regression testing
- Acting as Technical Development Lead for Automation team, working with offshore team members
- Designing and implementing AIM, a web service layer to integrate shops with the app PowaTag
- Implementing cartridges for AIM. These include eCommerce platforms and payment service providers
- Working with 3rd party software vendors in UK and overseas that create AIM cartridges
- Working closely with the business, QA and DevOps to enhance AIM capabilities
- Strong use of BDD and TDD for all software development

Languages/Technologies: Java, Spring, Hibernate, Dropwizard, Jetty, JUnit, Mockito, PowerMock, PostgresSQL, Apache Maven, SoapUI, WireMock, REST-assured, AWS, EC2, ELB
Software: IntelliJ IDEA, pgAdmin, Jenkins, Bamboo, Nexus, JIRA, Confluence, Stash, Bitbucket, Git

Nov 2012 – Mar 2014   Digital Morphosis (Software Developer) (Cardiff, UK)
Worked as a developer for multiple clients such as British Athletics, Company Check, Graham & Brown and Connevans. All client projects are website applications and agile practices are used throughout, including behaviour driven development, feature driven development, pair programming and continuous integration.

Notable projects included:
- British Athletics uBook system - www.ubookathletics.com
The website allows users (e.g. coaches, athletes) to book on to various courses, qualifications and event. Roles in this project include developing as well as writing specifications, making cost/time estimates, support, testing, and project management. One of the tasks I was involved with was to allow these courses to be payable. We integrated Sagepay into the online booking system to make this functionality. This was written with Yii frontend and RESTful ASP.NET MVC web services to integrate with their existing SQL Server database.
- British Athletics Members and Secretaries portal (requires login)
This website allows members to view and amend their details and secretaries to manage their clubs. One of my tasks was to design and create an online payment system for secretaries to manage and record all subscription payments for their affiliated clubs. This was written with ASP.NET MVC and shared the RESTful web services with the uBook system integrating again with their existing SQL Server database.
- Developing other new software using Java and Grails as part of business requirements for other clients such as Graham & Brown and Connevans

Languages/Technologies: Java, Spring, Hibernate, Groovy, Grails, Ant, PHP, Yii, C#, ASP.NET MVC, JavaScript, JQuery, CSS, HTML, JUnit, JMock, Mockito, NUnit, PHPUnit, AWS, EC2, SQS, SNS, S3
Software: eclipse, Apache Tomcat, Apache HTTP Server, Microsoft SQL Server Management Studio, IIS, Git, SVN, Jenkins, FindBugs, PMD

Jan 2012 - Oct 2012   Santia Consulting Ltd (Applications Analyst) (Cardiff, UK)
Worked on erisk, Santia's online Health and Safety management system and accreditation, Santia's online accreditation management system. Both systems were accessed by clients through a web browser front end.

Tasks included:
- Writing a document downloading/uploading tool for users via web services using SOAP and WSDL
- Writing an Excel and PDF generation framework for creating on the fly MI reports for users
- Developing other new software as part of business requirements
- Analysing and overlooking existing software systems, making development improvements where necessary
- Performance improvements
- Liaising with business analysts and system users to analyse and refine client requirements
- Analysing and fixing production defects
- Designing and writing unit tests to cover new and changed code
- Briefing test teams on the content of releases to ensure correct and thorough testing

Languages/Technologies: Java, Spring, Hibernate, JSP, Servlets, JavaScript, JQuery, SOAP, JSTL, CSS, HTTP, HTML, JUnit, JMock, Mockito, Microsoft SQL Server, IBM DB2, JExcel, iText
Software: eclipse IBM RAD, IBM WebSphere Application Server, Microsoft SQL Server Management Studio, IBM DB2 Control Center, FireBug, SVN, JIRA, Jenkins, FindBugs, PMD

May 2010 - Dec 2011   FIS Software (Developer) (Cardiff, UK)
Worked as a developer on the C++ Business Layer of ALIS, FIS Software's life insurance and pensions software package. Worked with clients such as Scottish Widows, AXA, Bright Grey and Unum.

Tasks included:

- Liaising with business analysts to analyse and refine client requirements
- Producing and implementing Technical Design Specifications for new functionality using the waterfall model and UML
- Developing new software as part of business requirements
- Analysing and fixing production defects
- Making performance improvements using system profiling tools
- Briefing test teams on the content of releases to ensure correct and thorough testing
- Adhering to CMMI Level 3 processes and procedures

Languages/Technologies: C++, Java, Oracle PL/SQL, Microsoft SQL Server, Visual Basic, XML, UML, UNIX, DOS, MFC
Software: Microsoft Visual Studio, Microsoft SQL Server Management Studio, SQL Developer, Rational ClearCase, Rational ClearQuest, IBM WebShere MQ, COM, Microsoft Visio

Summer 2008   INUK Networks (Java Software Engineer) (Abercynon, UK)
Working as a summer intern, I developed two web-based applications independently, including pair programming tasks and larger scale team collaboration. These included developing a browser based remote server log viewer and a fully editable browser based admin tool that managed "network zones" from a remote location via web services.

Languages/Technologies: Java, JSF, JSP, SOAP, UML, XML, HTML, CSS, HTTP protocol, Servlets, Portlets, JavaBeans, JavaScript
Software: Eclipse, JBoss Portlet Server, JBoss Server, Apache Tomcat, soapUI, FireBug, Wiki, SVN

CERTIFICATIONS
Oracle Certified Associate, Java SE 7 Programmer – Completed
Oracle Certified Associate, Java SE 8 Programmer – In Progress

EDUCATION
2006-2010   Cardiff University, Computer Science (BSc)
Awarded grade: 2.2
Also awarded with *EADS Project Prize* for *Best Year 1 Programming Project*

2004-2006   Whitchurch High School, Cardiff (Sixth Form)
International Baccalaureate: 31 points (including 2 bonus points)
Higher: Maths, Physics, Computer Science; Standard: English, Spanish, Psychology

2002-2004   Whitchurch High School, Cardiff (GSCE's)
2 A* (ICT, Graphics), 3 A (Maths, Double Science, PE), 1 B (French), 3 C

PERSONAL INTERESTS AND PROJECTS
I enjoy programming in my free time as well as learning new languages and technologies. I am also interested in reading around wider software development areas such as automated testing and clean coding as well as following the latest software blogs and attending local tech meetups.

COMPUTER LANGUAGES
Strong working experience and knowledge and of Java, Grails, C#, C++, PHP, Spring, Hibernate, HTML, JavaScript, CSS and SQL as well as comfortable knowledge of Python. Driven to learn any new programming languages, technologies, toolkits and development paradigms.

OTHER INTERESTS
A keen triathlete who enjoys competing and keeping fit. I have competed in the European Championships for GB in Olympic distance triathlon and have completed an Ironman triathlon. Currently doing lots of running in London.

ADDITIONAL INFORMATION
Full, clean driving license; References available on request.