

Waqas Arshid

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Technical Skills

Core Languages: Java (Spring), Javascript (jQuery, Meteor), Python (flask)

Version Control: Git (github, bitbucket), Subversion, Mercurial

OS: Windows XP/7/10, OS X/Unix (bash)

Build chain & CI: Maven, Grunt, TeamCity, Jenkins

Employment

Software Engineer

JPMorgan

Glasgow

Sept 2016 – Present

- Built core services to handle validation and exception management (Spring boot) of financial instruments as part of re-engineering of a global Reference Data platform.
- Developed on Oracle stored procedures to rectify data quality issues when processing and staging raw vendor data.
- Collated and transposed data from varying sources and formats (XML, JSON, FTP, REST) into a golden source to be distributed to downstream systems.
- Smoke testing of application components to ensure data flows smoothly downstream.

Responsibilities include: Release management and co-ordination

Tools used: Spring Data, Spring Boot, Oracle SQL, Informatica, Maven, Jenkins, Bitbucket

Web Developer

Findmypast

Dundee

Feb 2016 – May 2016

- Launched new datasets and user tools rendered on ASP.NET web templates.
- Made enhancements to central fulfilments and licencing system using a bespoke royalty calculation and reporting algorithm to improve system performance.
- Designed a four-step re-architecture plan with Customer Services team to incrementally deliver value in time-savings and better app performance.

Tools used: ASP.NET, Github, TeamCity, Hangfire, PlantUML.

Technology Analyst

Barclays

Glasgow

Aug 2014 – Feb 2016

- Utilised Spring framework to develop core backend functionality for Premier Banking application suite, inc. data refinements and performance enhancements.
- Enhanced core business functions such as portfolio management (extJS) and generating client reports (Apache FOP).
- Advocated use of Parasoft Virtualise and SOAtest (service virtualisation and API testing tools) by building internal prototypes which leveraged REST calls utilising WADL interfaces.

Responsibilities included: Release Co-ordination, L3 Application Support.
Tools used: Spring MVC, Eclipse, Maven, Apache Tomcat, Subversion, JIRA.

Assistant Software Architect

AIG

New York

Jun 2013 – Aug 2013

- Interned at AIG based in their eBusiness Technology department for rolling out the global CRM solution (SDL Tridion) for AIG holdings worldwide.
- Priority project was developing Proof of Concept using jQuery for delivering front-end functionality over IBM Websphere Application Server.

Education

BSc (Hons) in Computer Science

University of St Andrews

Graduated with an Upper Second class (2:1) degree.

The topic of dissertation was a '*Visualisation Tool for Software Architectures*'
Applied the GRASP ADL to an interactive visual representation which can be manipulated by a system architect. Implemented using the Processing graphical framework in Java.

Relevant modules: Advanced Internet Programming, Software Engineering, Component Technologies, Databases, Multimedia.

First Year in Computer Science

University of Strathclyde

Passed with Merit – Transferred to St Andrews after completion.

High School of Dundee

Scottish Qualifications Authority, 360 UCAS Points.

Advanced Highers: Computing, Tech Studies, Mathematics

Achievements & Activities

Paypal 'Battlehack' New York City: *Best use of technology; Windows Phone*

- Worked over a 24 hour period sharing expertise in teams and individually.
- Developed early-level prototype for a social connecting app using NFC.

'Silicon Valley comes to the UK' Appathon: *National Winner*

- Developed a novel tool to report graffiti and other problems to local community groups within a team of 8 other student developers, designers and analysts.
- Invited to present at the 'Silicon Valley comes to Tech City' conference.