

# JAMES REYNOLDS

[info@dashingsoftware.com](mailto:info@dashingsoftware.com)  
<http://www.dashingsoftware.com>



Dashing Software Ltd  
Company: 08872824  
VAT: 180 6098 02

## summary

Jan. 2016 - Mar. 2017	- Java Development, Platform Integration ( <i>Contract</i> )	- <a href="#">UBS Group AG / Reason Ltd.</a>	- Finance
Apr. 2014 - May. 2015	- Java / AEM Development ( <i>Contract</i> )	- <a href="#">DigitasLBI</a>	- Marketing
Oct. 2010 - Apr. 2014	- Senior Lead Software Developer ( <i>Permanent</i> )	- <a href="#">NET-A-PORTER Group Ltd.</a>	- Retail
Feb. 2007 - Oct. 2010	- Senior Java Developer ( <i>Permanent</i> )	- <a href="#">Simply Business Ltd.</a>	- Insurance
Jul. 2004 - Nov. 2006	- Software Developer ( <i>Permanent</i> )	- <a href="#">H2HCare Ltd.</a>	- Health
May 2008 -	- Sun Certified Java Programmer V5.0	- Sun Microsystems (SCJP)	-
Jun. 2004 -	- BSc. 1.1 Computer Science	- Dublin Institute of Technology	-
Jun. 2003 -	- Dip. (Distinction) Computer Science	- Dublin Institute of Technology	-

## tech tree

★ = Daily Commercial Usage

⑤ = Experience (In Years+)

### server-side:

Java ★⑩  
Spring ★⑩  
Hibernate ★⑩  
JPA ★  
REST ★⑤  
NodeJS ★  
RxJava  
Akka

### front-end:

Javascript ★⑩  
jQuery  
React  
AJAX ★⑤  
JSP,JSTL ★⑩  
HTML ★⑩  
CSS ★⑤

### build:

GIT ★⑤  
Bamboo ★⑤  
TeamCity ★  
Jenkins ★  
Maven ★⑩  
Gradle  
Npm ★  
Webpack

### testing:

JUnit ★⑤  
Mockito ★⑤  
JMeter ★  
Gatling  
YourKit

### dev-ops:

AWS ★⑤  
Linux ★⑩  
Bash ★⑩  
Docker ★  
Chef  
Vagrant ★  
Apache ★⑩  
Tomcat ★⑩  
Nginx

### data:

MySQL ★⑩  
Postgres  
Mongo  
Oracle ⑩  
Amazon RDS  
XML ★⑩  
JSON ★⑤

## experience

(13 years commercial)

### UBS Group AG (15-month contract, Jan. 2016 – March. 2017) – Global Financial Services

#### Java Development & Third-Party Platform Integration – [Symphony Integration Project](#)

Viability study of the Symphony secure chat-platform into existing UBS systems requiring technical discovery, installation and documentation. Consulting on-site with product owners to guide their decisions on replacing an existing application with Symphony in their trading platform.

Running a team, working hands-on integrating the platform. Required in-depth infrastructure changes on all levels from JavaScript UI components, Java, Spring micro-services, domains, load-balancers, proxies, SSL, cryptography, SSO and user on-boarding. Directing compliance and security teams from development to production in the implementation of Symphony chat, to be used by the bank worldwide.

**Agile Project:** Integrating Symphony Secure Chat Platform into Existing UBS Network Infrastructure  
**Project Size:** 2 Java Developers directing teams from UK, US, Poland, Switzerland, Singapore and India.  
**Team Size:** 2 Java Developers, 15 Testers. +Network, +Env. Support, +Info-Sec, in-house teams.  
**Primary Tech:** Java, Spring, JavaScript, Node, REST, SSL, HSM, OAuth, JWT, Docker, AWS (VPC, EC2).

- Proving of Symphony application off-site using AWS, Docker, Ubuntu, Java, LDAP servers and Tomcat web-application components. Looking at internet solutions, AWS Direct Connect. Cloud-based vs on-site installations.
- Creation of technical discovery documentation, Q&As, architectural designs and UML diagrams for demos and presentations to UBS project owners.
- Interviewing potential additional team members for project. Requirements gathering, high-level analysis of touch-points required to integrate application into existing JavaScript SPA trading application.
- Development of Java micro-services using Spring, REST, RxJava, JMS, Swagger, Tomcat.
- Integration with JavaScript platform using AJAX, Node, React, WebSockets, SSO.
- Integration with network infrastructure; load-balancing, domains, SSL configuration, proxy server configuration.

## experience

### DigitasLBI. (13-month contract, Apr. 2014 – May. 2015) - Global Marketing & Technology Agency

#### **Java/AEM Development – [Project Helios](#)**

Development of rules engine for multi-brand car configurators: high-concurrency asynchronous Spring API. Capable of sourcing and aggregating large-scale complex proprietary JSON datasets from Renault vehicle data APIs and Nissan data stores into a single common rule set.

Designing, coding, deployment and support of this engine as an API used by over 270 websites, both mobile and desktop, in over a hundred markets covering hundreds of automotive product lines.

**Agile Project:** Development of Global websites/APIs for Renault, Nissan, Infiniti, Dacia & Datsun.  
**Project Size:** 80+ Local/Global Java, 30+ UI Dev, 10 Dev-Ops, 30 Testers,  
**Team Size:** 1 Architect, 1 Java Developer, 2 UI Developers, 2 Testers. (Scrum team).  
**Primary Tech:** Java, AEM, Apigee, Spring, JSP, MongoDB, Vagrant, Chef, Bamboo, Clover, AWS.

- Primary project contact between brand architects for Renault, Nissan/Infiniti and data-specialists Autodata.
- Managing the process of designing and building a data model; based on project architect's requirements.
- Developed Java application exposed as a REST API using Spring Async and Jackson. Its purpose; to consume up to 30 large JSON data sources, per client site request, from Renault's internet-based JSON data servers. Working within low-millisecond response time requirement constraints.
- Fulfilling data requirements of multi-lingual AEM client websites and website car configurators.
- Writing of car data rules engine and reporting framework allowing integrity checking of large daily data updates.
- Development of service end points in Adobe Experience Manager to make aggregator API available to AEM, Java web-services, Apigee API management. JSP/JavaScript work for website/CMS data display.
- Java code internally tested using Spring integration tests, JUnit, Mockito, PowerMock, Wiremock.
- Clover and Sonar utilised to ensure test code coverage to a 90% minimum.
- Load testing performed with Apache JMeter, memory profiling analysis with YourKit.

## experience

### NET-A-PORTER Group Ltd. (Oct. 2010 – Apr. 2014, 3yrs 6mths) - Luxury Retail Fashion Website

#### **Senior server-side development and software technical team lead.**

Primary development contact for product requirements, server-side software design and implementation for product owners of men's fashion website [MRPORTER.COM](http://MRPORTER.COM).

**Agile Project:** Standalone SOA Product Listing Catalogue **Agile Format:** Kanban  
**Team Size:** 2 Java Developers, 2 Web Developers, 2 Testers **Time Frame:** 7 Months  
**Primary Goal:** To allow translation into 3 languages of all site content.

- In charge of a small team of web-developers and testers, building a Java, Spring, Akka SOA green-field product catalogue; an aggregator written in Java connecting to multiple REST services.

**Agile Project:** MRPORTER Live – Social Media Aggregator **Agile Format:** Scrum  
**Team Size:** 2 Java Developers. **Time Frame:** 5 Months  
**Primary Goal:** To develop a standalone application to collect live social media content for production site. Trial of first SOA service for the group, to determine feasibility and technology requirements of any further future standalone services.

- Development of OAuth-enabled social media aggregation service using Java, Groovy, MySQL, JQuery, JSON/Jackson. Utilised MongoDB for storage of JSON-structured social media content.

- Writing of automation test-suites and mocked services. Writing of design, API and feasibility documentation for architecture and build teams. Test-driven design implementation.
- Scalability investigation detailing AWS usage feasibility. Prototype creation to demonstrate build and deployment of standalone aggregator service to cloud infrastructure.

**Agile Project:** Extraction of MRPORTER from 3-site abstract architecture **Agile Format:** Kanban  
**Team Size:** 1 Java Developer. **Time Frame:** 2.5 Months  
**Primary Goal:** To refactor and disentangle NET-A-PORTER group website code, to the extent a single website's deliverable-packages, free from abstract code constraints, can be delivered for rapid release.

- Ran investigation into splitting apart a web-application with shared code that runs three major retail websites.
- Unpicked legacy Spring XML configurations, re-writing and re-working multi-module Maven projects that all NET-A-PORTER group sites used in project builds.
- Reworking of Apache virtual hosts, static files, API code, JavaScript / CSS.
- Rewriting of Apache, Puppet and Jenkins configurations. Worked with internal build teams to productionise and deploy newly extricated MRPORTER site onto production servers.
- Java mentor for junior developer team members and graduate-scheme developers.
- Responsible for interviewing and assessing new developer candidates for team and group.

## experience

### Simply Business Ltd. (Feb. 2007 – Oct. 2010, 3yrs 9mths) ~ Online Insurance Brokerage Website

#### **Senior server-side Java developer**

Senior Java developer working as a part of a team implementing an insurance quoting engine for insurance-brokerage website, [SimplyBusiness.co.uk](http://SimplyBusiness.co.uk).

#### **Project: Introduced Hibernate**

- Worked with the development architect introducing Hibernate as an ORM in place custom JDBC layer.
- Development of database schema, process managers, object factories and related annotations.
- Worked on Hibernate-Spring integration when Spring was later adopted as the application's new framework.

#### **Project: Implementation of online-payment system**

- Integrated MasterCard SecureCode authentication into insurance broker web-application for use with Barclays.
- Based on Web-services, Axis2 and SOAP. Worked with architect to build and secure, online-purchasing system using XML, web-services integration with third-party SagePay.

#### **Project: Development of pricing engines**

- Developed pricing-model engine for insurance quote generating insurance application website

#### **Project: GWT green-field project to replace legacy back-office Swing application**

- Created GWT prototype to replace Swing application used by call-centre staff.
- Asynchronous GWT code, running on new Spring/Tomcat/Oracle system, replaced old RMI/web-services.

#### **Project: Building of analytics database and relevant reporting**

- Responsible for building analytics applications, processing of data through various PL/SQL procedures, views and functions. Rebuilt reports within custom Java reporting framework; utilising POI-HSSF.

#### **Project: Proving suitability of and data migration to Magnolia CMS**

- Feasibility study on Magnolia, building proof-of-concept examples. Built integration software to import large-scale data articles from our existing databases and from legacy CMS, in varying XML formats, utilising Magnolia API and JCR APIs.

## experience

### H2HCare Ltd. (July. 2004 – Nov. 2006, 2yrs 5mths) ~ Medical Informatics Company

#### **Software Developer**

Entry-level software developer working for medical informatics company, H2HCare Ltd. Web-based booking, accounting, demographics and appointment scheduling software. (H2HCare closed its doors in August 2008).

#### **Project: Development and refactoring of legacy server Java code**

- Part of a team to overhaul legacy servlet-based software. Reworking and refactoring original core components containing “god-object” like code. Implemented object-oriented design principles.

#### **Project: Converted JDBC, SQL-driven code to Hibernate/HSQL ORM**

- Extensive schema rework and query optimisation; views and procedures to increase database performance.

#### **Project: Implementation of front-end “look-and-feel” client code.**

- Sole developer working with external designer. Responsible coding “look and feel” booking application.
- JSP/JavaScript/HTML/CSS and XSL front-end running off XML provided by back-end Java model.

#### **Project: Development of SQL reports for executive team statistics and data analysis**

- Developed real-time SQL reports and views for the management team for use in Excel pivot reporting.
- Dynamic PDF reports using Jasper iReports. Integrated iReports into the application’s main booking application.

#### **Project: Solo project creating an intranet-portal for St. Vincent’s Hospital, Dublin**

- Tasked with building a hospital intranet portal system from scratch, in a solo green-field project
- Utilised Java portlets and JSPs, JDBC and SQL. Built message boards, a forum, reminders and search capability.
- On the third-party site, in a professional-services role, installed and configured Oracle 9i DB and Oracle’s 9i Application Server on which the hospital intranet application was deployed.
- Carried out and oversaw user acceptance testing with the business client for the hospital.