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Aftab Ravji

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| Summary of Work  Summary of qualifications | I have over 14 years’ experience in programming and e-commerce especially in WebSphere Commerce framework with DB2/Oracle. I started out as a junior developer and quickly progressed into being a senior developer/Tech Lead. I have lead a number of projects which include big brands such as Waitrose and Dunelm. In my last role i was a Tech lead/Architect on the Dunelm re-platform project. My career progression has been that I was a Technical Lead/Senior WCS Developer/junior Architect on the Dunelm project with great understanding of integration between systems and the full WCS stack and have now become a ‘Technical Solutions WCS Architect/WCS consultant’ in my new role with dimensions of doing some development work as well.  Working over the years on integration with third party systems such as PIM and order management systems, utilising best practices of dataload enhancements/BOD architecture and REST apis and JMS messaging over MQ systems such as Active MQ, UM, IBM MQ.  Other integrations include bazaarvoice, channel advisor, payment integration with RED, Cybersource, Worldpay, paypal using the payment architecture within WCS. Last project i worked on was a migration from WCS 7.0 onto IBM digital Commerce/Watson framework. Integrations using REST and uE Extensions for payment with Ingenico hosted payment solutions, dataloads of widgets, shipping methods, marketing content etc etc.. Have completed a Wordpress site for a client which is a B2C selling school uniforms using the stripe API payment gateway utilising Wordpress theme and plugins to accomplish this. Currently doing a course on kubernetes, microservices and AWS services on cloud.  I have attained 10 A to D grades at GCSE level. I have attained 5 A to E grades at A-Level. I have also attained a degree level (**Bsc Hons Computer Science**) and have **achieved a High 2:1 honors degree classification (68%)**. |
| Professional/work experience  (most recent first) | **Currently undertaking IBM WCS courses/certifications on topics such as Performance, analytics, search etc**  **Practical Test Driven Development for Java Programmers- through Udemy.com**  [July, 2019]  **Java EE 8 Microservices- through Udemy.com**  [May 9, 2019]  **IBM WebSphere Commerce v8.X Advanced Badge Path Achieved**  [Jun 29, 2018]  **IBM WebSphere Commerce v8.0.4 Developer Badge Path Achieved**  **[**Oct 17, 2017]  **IBM WebSphere Commerce v8.0.4 Foundations Badge Path Achieved**  [Oct 9, 2017]  **Online course on APP Design and Integration**  [July 2014 – current] [Certification through excelwithbusiness]  **Online courses on HTML, CSS ,SQL, XML & JAVASCRIPT**  [Aug 2005- May 2006] [Certification online through www.w3schools.com]  **Intel training courses** including the D processor, Celeron, Centrino. Issues relating to networking, home entertainment system, routers, hubs and many more:  [May 2005] [Intel retail edge] [Online]  **Degree Level: Bsc Hons Computer Science- achieved a 2:1 classification**  [2000-2003] [University of Westminster, School of Computer Science, Harrow Campus] [Harrow, Middlesex]  **Secondary School** including GCSEs and A-level : [1993-2000 ] [Jack Hunt School, Ledbury rd] [Peterborough]  [July 2018-December] **[IBM – IBM Digital Commerce/IBM Watson Consultant]**   * Migration of Intertoys webshop from IBM WebSphere Commerce to IBM Digital commerce platform. * Design Solution and integrated ingenico payment service provider with IBM Digital Commerce on cloud through the use of Punchout payment architecture. * Involved in Design and implementation phase of other requirements such as outbound messages to OMS etc * Usage of OOB extension points (XC framework) and web services to implement business requirements. * Pushing content to Watson content hub via IDC. * To troubleshoot issues on cloud environments, usage of self service and graylog. * Tools used are Github, Eclispe, Docker, Zenhub, * To dataload data like catalog, esports using things like gradle tasks.   [January 2018-April 2018] **[Celesio UK – IBM WebSphere commerce Consultant/WSC Technical Architect]**   * Assistance in Design architecture and implementation of a B2B style project * Using Agile methodology for delivery of implementation * Using WCS 7.0 FEP 8 * Utilising SOLR and WC SEARCH OOB and extending where required for business requirements.   [October 2017-January 2018] **[Tacit knowledge – IBM WebSphere Commerce Consultant]**   * Assistance in Solution/Technical Architecture for implementing payment service providers with IBM Websphere Commerce V8.0 * Implementation assistance with Order flow management * Hands on coding for payment integration * Done through agile methodology   [June 2017-November 2017] [**Sainsbury’s – Principle Software Engineer/IBM WebSphere Commerce Technical Architect/WCS Consultant**][ 33 Holborn]   * Technical Architecture and solution Design on a number of pieces of integration such as Favourites Service, HookLogic API and Peerius tagging. * Implementation with third party systems (some mentioned above). Working on IBM Websphere V7 FEP 8. * Technical documentations produced in the form of HLD’s and LLD’s. * Work on JMS Messaging with integration through queues to ActiveMQ and RabbitMQ with Websphere Commerce. * Search changes in WCS through to Endeca changes. * A point of contact for other developers and as a lead for taking integration pieces from start to end through to production.   [June 2015-June 2017] [**Sainsbury’s – IBM WebSphere Commerce Technical Solutions Architect/WCS Consultant**][ 33 Holborn]   * Technical Architecture and solution Design. Development work on stories prepared through agile methodology. * usage of oracle database with creation of procedures, packages, materialized views etc * Usage of ELT Development Pattern * Implementation with third party systems. * Documentation of existing platform through brief LLDs and working on FEP 8 with web services for enhancements and integration with third parties. * Work on JMS Messaging with integration through queues to universal messaging.   [June 2015- Present] [**Professional Ecommerce Solutions Ltd- Managing director]**   * 1. Working on projects that use IBM WebSphere Commerce platform for there e-commerce requirements. Skills include Development, management of Development team, solution design and Architecture. Usage of Out of the Box Features and matching them to business requirements. Customizing where necessary through the usage of Web services, BOD framework, REST etc. * 2. Also development on Android mobile apps using Android studio.   [Oct 2008 – June 2015] [**Tryzens**] [101 Finsbury Pavement, London, EC2A 1RS]   * I started out as a Junior WebSphere Commerce Developer when I joined and within 1 year moved up as a senior WebSphere Commerce Developer. Initially worked in Support Team – which gave me a range of skills from investigating and debugging a problem to mini fixes which are called change requests (based on customer requirement change). After 3 months moved into projects and have always been in project work since. Worked on WCS 6.0 projects such as JDSports and the old Pentland brand implementation (Speedo UK, Boxfresh etc). I then moved onto working on the Comet project which was the first WCS 7.0 project in the company. This was a migration from WCS 6.0 to WCS 7.0 with enhancements. During this project I undertook a lot of the back-end implementation with third party systems such as SAP, ReD and became acting tech lead for a period of time. I then moved onto WDS (Waitrose Direct Services) project which was a re-platform again from WCS 6.0 to WCS 7.0 on which I was joint WCS tech lead on (mainly looking after the backend implementation) and assisting developers where needed. I also assisted with requirements gathering and solutioning. While doing this project a big project came along which I was asked to become the main tech lead on – Re-platform for Pentland Group which would include brands such as Speedo international, Speedo UK, Boxfresh, Kickers – which were all on the e-site model B2C and 1 site which would follow the B2B model (sourceonline). After completion of this project, I was then asked to do a green project which was for theWorks, which included using WCS 7.0 feature pack 3. The challenge with this project was that I and the team were given 6 months to get this project live. The other challenge was that I had a part-time tech Architect to assist me, so I was acting as an Architect as well – fulfilling technical solutions, data planning and tehnical designs for integration within systems that theWorks use for catalog data, order data etc. Project went live within the target timeframe, which was a great achievement. In the previous projects we used a lot of the EJBs (AccessBeans/DataBeans) for updating database and reading from tables and the usage of custom code for file transfers out of WCS to other systems. With theWorks the usage of XML over https transport layer was used to send XML messages to the order management system for orders placed and receive any order updates back into WCS. Also the usage of the latest dataload scripts for catalog data was used amongst other things (with PIM/Agility system). I carried on till October 2013 as Tech lead/Assistant Architect on theWorks project with enhancements and bug fixing taking place and then was asked to move to working on the Dunelm re-platform project as a Senior developer/tech lead/Architect role. In Dunelm as we were using WCS 7.0 feature pack 6, fix pack 8 – we have been able to make use of the following technologies (mention a few):- BOD and SDO framework with SOI layer backward compatibility with EJBs, MQ broker for use of file transfers between systems with using the concept of WebServices over JMS transport layer. With the use of WebServices, this has opened up the usage of Order-Outbound messaging (ProcessOrder action), SynchOrder (order status updates) types of XML messages. We have also used the latest catalog loaders provided by WCS in feature pack 5 onwards which does not use the massload utility now, but is more performance enhanced and file formats other than CSV can be used – XML which is more customer friendly. I as a specialist in integrating payment service providers, have integrated Cybersource with WCS with approve and deposit at the top, also with refunds and cancellations. This also includes PayPal through Cybersource as well for the Dunelm project. Point to note, I have integrated PSPs with WCS projects which to date are – WorldPay, Cybersource, ReD, PayPal, PayPoint. I have implemented both types of Payment solutions being ‘Hosted solutions’ and ‘Non-Hosted’ solutions. For credit card payments I have also integrated 3D secure transactions. The type of on going tasks I had been involved in for the Dunelm project to mention a few had been the following – Assisting the BA in requirements gathering from a technical point of view, going to client meetings to ascertain the requirement and what is Out of the Box WCS functionality and what will need customisation. Also technically leading the developers by assisting them on development/bug fixing but also providing ‘Brief LLDs’ which gives them notes on what and how the requirement should be implemented/developed. Also working closely with the PMs to drive out quality and completion of work but also attend any meetings where I am required. Also been involved in analysis and investigation of OOB functionality and how it can be enhanced for the clients needs. Also looking into future feature packs and APARs to keep as close to the IBM code base as we can with minimal customisations more configurations. I had also been involved in development of back end code right through to the front end layer where we had used MVC javascript (requireJS). I had been involved in liaising with middleware team on formats they require for feeds that will then be sent onto third parties such as Coremetrics, Bazarvoice, Responsys. On this note, just wanted to mention that I have implemented and led completion of integration with third party providers for analytics, reviews which are – Coremetrics, Bazaarvoice, Responsys, Rich Relevance, E-circle. From a search perspective Dunelm and theWorks use SOLR which is tightly coupled with WCS search feature. I have also integrated and have knowledge and experience of using Endeca, Mecardo and fredHopper. I also have a wide knowledge of use of DB2 (current version being used is v9.5). I also have knowledge and experience in shell scripts, Jenkins for auto-mated builds and deployments. I have also used Cucumber and selenium for BDD test cases. Through the projects that I have worked on I have gained many skills in environment set up and application configuration and deployment on servers. I have also gained knowledge and experience on performance which includes caching through dynacache, caching through cross transactional data cache, WAS/WC connection pool tweaks amongst others. Also have some understanding of the usage of QWARK. |
|  | [June 2004-Sept 2008] [**Kiddicare**] [1184 Lincoln RD, Werrington, Peterborough, PE4 6LA] [Full time]  Working as a WebSphere Commerce Developer. Main duty was to make sure that the web site is continuously changed and updated when needed. Updates include new products, news stories, reviews of customers, change of templates that are used which used HTML and Javascript etc. The main language that I used was **Java** to do backend work and **JSTL/JSP** to do front end work. I had also developed back-end processes for the company such as reports like tax report etc. **I was involved in the new site for kiddicare which was launched in July/August.** [**www.kiddicare.com**](http://www.kiddicare.com/)I had also done a lot of work using DB2 (SQL). This was done using **WebSphere Commerce 6.0, which is IBM powered.** I helped in implementing many projects, which include Cybersource payment gateway, google checkout, Email and text a friend, Paypal and much more.  [Aug 2004 till Sep 2007] [**Working as a web freelancer with** [www.getafreelancer.com](http://www.getafreelancer.com/)] [Home]   * The freelance work brings different projects and a lot of variety in what needs to be used i.e. flash, scripting languages such as .net, Javascript etc. This gave a lot of experience in web design/development and use of databases.   [Jan – June 2005] [**Services in PC World in the PC clinic**] [retail park]   * + Serving customers on PC related issues such as installations; both hardware and software. Helping customers on any problems they may be having with their PCs such as wireless networking and doing check-ups on the PCs (health checks).   [2003-2004] [**Tutoring for Universities students-www.academicknowledge.com**] [home]   * + Providing template answers for essay questions related to Information Technology and giving working examples of projects/dissertations on how the students should tackle them. Job title being a *freelance writer.*   [2004-till 2007] [**Elegant computer solutions- partner in own company**] [home]   * + Analyse, design, implement and maintain web sites, buy/sell laptops, networking and some technical support as well. Main role is web sites. The web sites which have been done by this firm are the following:- [www.dhaivatjoshi.com](http://www.dhaivatjoshi.com/), [www.daysinnclacton.com](http://www.daysinnclacton.com/). Other Web sites include [www.phonetrading.com](http://www.phonetrading.com/), [www.ashura.co.uk](http://www.ashura.co.uk/), [www.qfonic.com](http://www.qfonic.com/), [www.shiasports.com](http://www.shiasports.com/)   [2001] [**Daysinn-clacton Hotel]** [Daysinn, West clacton-upon sea, Essex C015 1RD]   * + Assistant manager- making sure that everything is running properly, attending to customer requests, checking different areas of the hotel are working properly. Making sure that tasks are done which have been delegated to the workers.   [1999] During school; Year 12 work experience:[**Mr Chips Computer company**, 27 Hereward cross] [Peterborough]   * Fix computers from hardware to software problems, serving customers on many issues. I would carry out installations as well and do repairs.   [1998-2000] [PC Technician at **2Kxltd]** [Peterborough]   * + Building computers from client specifications, buying and selling computers built from scratch, fixing hardware and software problems. Also giving technical support and networking advice. I finished working here due to starting my university course.   [1997] [**Zennith Windows**, Broadway] [Peterborough]   * Tele-sales; selling on the phone, communication skills.   [1997 ] During school; Year 10 work experience:[**Co-op Pharmacy**][Peterborough]   * Helped the pharmacist in preparing medicines, stocking, cashier, serving the customers, printing labels using computer system, adding customer details on the computer database.   [1995-2000] In summer holidays would go and work for my uncle in his pharmacy [London].   * Help in making the medicines under the supervision of my uncle, using the computer to print out labels and also find out more information about the drug at hand, serving customers on the till as well. Looked after the computer system by keeping the software up to date, keeping the computer secure for data integrity etc. |
| Languages (Computing) | The main languages that I have experience and knowledge in are – Java alongside Java J2EE. This also includes JSP/JSTL, DB2, HTML and CSS. Also shell scripting in UNIX, selenium scripts and cucumber scripts. I have a wide experience of integrating between different platforms. Also have experience of java within android development. During my degree I had studied a number of languages which included low-level, high-level programming and e-commerce based languages. The languages were: C++, C, Visual Basic, Assembly language (0s9), Java, HTML, JavaScript, JSP, Perl CGI, ASP.NET Using VB.NET, SQL Server, XML,VRML (Virtual reality modelling language). Modules on Networking such as network topologies, private/public key encryption were studied and covered and issues dealing with computer security. Also got experience in the following:   * + Able to work with Windows operating systems. High degree of experience in installation, troubleshooting and working with these operating systems. Also Experience in working with UNIX environments. Have some experience in usage of tools like Microsoft Project, Enterprise Architect. Also a high level of experience in using all forms of Microsoft Products ranging from Word to Excel.   + Capable in using SoundForge, Vienna and Cakewalk to incorporate Music into Multimedia Applications. Some capability in using Flash and Macromedia tools to create interactive web pages. Able to use Adobe Photoshop and Paintshop Pro. |
| Community activities/ Extra Curricular and Awards recieved | I have several interests which include: reading; topics include science, religion and computers. Sports; table tennis, tennis, football, rugby, weight lifting, badminton, squash. I have achieved many medals in table tennis tournaments and am currently playing in the Cambridgeshire table tennis league. |