

Summary of Experience & Skills

15+ years of Information Technology experience in **big data, data science, OOA, OOP, OOD, JAVA/J2EE and Content Web Based Management.**

- Expertise Java, JSP, Servlets, E-Content Server, Documentum Content Management, WEBTOP, WDK, RECORD MANAGER, Workspace Manager, DFC, CAPTIVA, Weblogic, JBOSS.
- Experience with FAST, ADTS, Documentum Active-Active architecture on HP-UX 64 bit platform, Filesystems, security, networks, System performance, SAN, NAS, Unix Clustering, load balancing and Virtual IP's.
- Expertise in design of enterprise applications using MVC frameworks, custom and open source such as hibernate, Struts, Custom Tag Libraries, Servlets and JSP.
- Exceptional back-end programming skills using SQL, PL/SQL in OracleL.
- Good web page design skills using HTML, DHTML, JSP, XML, XSLT, Java Script.
- Able to create user interfaces using Swing, AWT, JSP, Servlets, Apache Struts and JavaBeans using an interactive design process.
- Experience in tactical management and project leadership, & Focused on using simple techniques to complete projects efficiently.
- Experience in managing projects, client presentation, project monitoring, conducting feasibility studies.
- Risk Analysis and ongoing project maintenance, conducting knowledge sharing sessions and weekly team meetings.
- Well versed with different software tools which can be used in different phases of the project to improve the productivity and ensure the project is completed on time with very good quality.
- Well aware of Estimation Techniques, Configuration Management, Change Management Process, Risk Management, best practices in entire SDLC and Software development using J2EE technologies.
- Skills in relationship management with clients and effectively guiding offshore teams during the project development life cycle, and delivering the product within time, cost and quality parameters.

Technical Skill Set

| | | |
|------------------------------|---|---|
| Data Science | : | Python, R, Data Visualization, Data modeling and analysis, Cluster Analysis, Correlation, Logit Analysis, Predictive analysis, Regression, DMAIC, Storyboard, Machine learning, neural network, TensorFlow, Text Mining, NLP, Deep Learning, Time Series Forecasting, Computer Vision, Recommender Systems and Process Improvement. |
| Content Management | : | D2 fundamental, Documentum 7.2, XTS 6.5, Documentum 6.7SP1, Documentum 6.5SP6, Application Builder, Composer, 5.2.5/5.3SP3/5.3SP6, Workflow Manager, Web Publisher 5.2.5/5.3SP3/5.3SP6, WDK 5.2.5/5.3SP3/5.3SP6, WEBTOP 6.7SP2/6.5/6.1/5.2.5/5.3SP3/5.3SP6, DCM, WebCache 5.2.5/5.3SP3/5.3SP6, DFC 4.2/5.2, RPC, Documentum Administrator 5.2.5/5.3SP3/5.3SP6, Record Manager 6.7SP1, 5.3SP3, PRM, RPS, DocBasic, IDQL, IAPI.SBO/TBO, BOF, BPM, Captiva, TaskSpace, SCS/IDS, Indexing/XPlore. |
| Big- Data | : | Cassandra, Solr, Spark, MongoDB, Hadoop |
| Web Technologies | : | J2EE, J2EE Design Patterns ((Singleton, DAO, DTO, Decorator, Strategy)), Hibernate, Struts Framework, JSP, HTML, DHTML, CSS, Applet, RMI, JAXB, WebService, REST, SOAP Java Servlets, EJB, RMI, |
| OS | : | Windows NT 4.0/2000/XP/2003/2007, Linux, HP-UNIX, OS2, Sun Solaris |
| RDBMS | : | Oracle 9i/10g/11g/12C, MySQL |
| Languages | : | C, Java, PL/SQL, XML, HTML, XSLT |
| Script | : | JavaScript, UNIX Shell Script, AWK scripting |
| Servers | : | WebLogic Application Server 8.1/11g R1, Jakarta Tomcat Server 5, JSDK, J2EE, Websphere, JBOSS 5.1.1 |
| Software Tools | : | Toad, PL/SQL Developer, JTest, ANT, Maven, Visio, Jasper Report 5.5.17, Log4j 1.2.13, MQ 6.0 |
| Version Control Tools | : | SVN, Microsoft VSS, CVS, ClearCase |
| Design Methodologies | : | UML. |
| IDE | : | Net Beans, Eclipse 3.1 along with ObjectWeb Lomboz IDE for J2EE Development (Version: .0.0), Jcreator 2.5, Gel, Toad, Samson, Repoint, dqMan., Tableau, Weka |

Professional Qualifications

| | |
|--|---------------|
| Bachelor of Computer Science & Technology, Dr.B.C. ROY ENGG College, DURGAPUR, WEST BENGAL, INDIA. | (2001 – 2005) |
| Master of Science in Applied Data Science from Syracuse University, NY, US | (2018 -) |

Certifications

ITIL V3 Foundation

SCWCD((310-083) **Sun Certified** Web Component Developer for the Java Platform, Enterprise Edition 5

SCJP (310-055) 310-055) **Sun Certified** Programmer for the Java 2 Platform, Standard Edition 5.0.

Web Services(310-220) **Sun Certified** Developer for Java Web Services.

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SCBCD (310-090) **Sun Certified Business Component Developer for the Java 2 Platform 1.3, Enterprise Edition.**
Global English.

BrainBench Certifications:

Framing the Problem

Time as a Resource

Telephone Etiquette - Assessment - L1

Technology Management and Strategy

Integrated Quality Management System (iQMS) Awareness Quiz

ORACLE PL/SQL - Assessment-E2

iSecurity Awareness - A Refresher course

Professional Training

BigData:

Solr development and configuration by Elephant Scale LLC,

2015

Cassandra, Hive, Pig, HBase, Solr and Hadoop by Edureka,

2014

Cassandra by DataStax,

2014

Capstone Projects

Syracuse University

Oct, 2018 - Till Date

NLP for Email spam classification: In email classification with NLP techniques, usually two main steps can be followed. First is **text processing**, where the text is pre-processed in order to make it suitable for processing. Second step is to apply the **Statistical NLP algorithms** on the result of the first step

- Text Pre-processing
- Tokenization
- BOW (Bag of words):
- Word Stemming
- Lemmatization
- Labelled
- Features Selection
- Feature functions
- Sentiment Lexicon
- Negation features
- POS tag features
- Naïve Bayes Classifier, SVM Classifier, Weka and SciKit Learn classifiers

MLB Statcast Data Set Analysis for text mining: Dataset, problem definition, Sentiment analysis in SVM and MNB, Correlation with outcomes, Topic modeling

- Latent Dirichlet Allocation (LDA)
 - Vectorization - CountVector
 - Ngram – unigram & bigram
- Non-Negative Matrix Factorization (NMF)
 - Vectorization – TF-IDF
 - Ngram – unigram & bigram

Movie Recommender: a collaborative filtering recommender (CFR) system for recommending movies has been developed.

The basic idea of CFR systems is that, if two users share the same interests in the past, e.g. they liked the same book or the same movie, they will also have similar tastes in the future. If, for example, user A and user B have a similar purchase history and user A recently bought a book that user B has not yet seen, the basic idea is to propose this book to user B.

The collaborative filtering approach considers only user preferences and does not take into account the features or contents of the items (books or movies) being recommended. In this project, in order to recommend movies I will use a large set of users' preferences towards the movies from a publicly available movie rating dataset

Exploring YELP public data sets for business insight:

- Data Exploration, Quality Management and Transformation – to gain an understanding of the data attributes, to perform quality management checks and to conduct initial transformation on the source datasets.
- Integration and Preparation – to integrate data from the source datasets into a larger combined dataset containing all required features, and then to prepare the integrated data for further analysis

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- Analysis and Geographic Visualization
- Text Mining for sentiment analysis, authenticity analysis and topic modelling.
- Forecasting to predict future counts, as well as the prediction validity.
- Comparative analysis to determine how individual businesses are performing in relation to other similar businesses.
- Results – describe what was found during the analysis.

Sequence Listing Content storage For UNITED STATES AND PATENT TRADEMARK OFFICE in MySQL: Motivation, Business Rules, Data Model design (Conceptual & Physical Schema). ER-Diagram & cardinality, MS Access for Query design and Form.

Analyze data set regarding the India Google Play Store in R (Data cleaning, Hypothesis testing and answer to business questions)

Process Improvement project on increasing quality time. *Storybook, Define measure, High level process map, Process Improvement plan, Measure analyze Improve.*

Professional Experience

Halvik Corp'

Jan, 2012 - Till Date

Senior Systems Engineer

Client: **United States Patent and Trademark Office (USPTO)**

Position/Role: Software Architect & SME (Subject Matter Expert) and Middleware Administration

Project Title PTO-Examiner Tools (Release no -3.0.11, 3.0.12, 3.1, 3.2, 3.3, 3.4, 4.0, 4.1, 4.2), CMS (Content Management System 1.0), Study Task & RDMS 1.7, Stabilization, Hague, Bio-Sequence (Phase-1/Phase-2), DAV (DocApp Viewer), SLIC

Development, Enhancement and Major bug fixing of the AIS (Automated Information Systems) for PTO-Examiner Tools –

SLIC/SCORE is a Web-based system developed under the direction of the United States Patent and Trademark Office (USPTO) by the Office of the Chief Information Officer (OCIO).

SCORE stores unpublished non-image application data and files that cannot be scanned into the Image File Wrapper repository in the tagged image file format (TIFF), because of their file size or type. These files contain sequence listings with millions of pages, tables, or biotechnology information that require specific file types and have specific viewing requirements. USPTO patent examiners and applicants can then use SCORE to access these application files.

SCORE consolidates data management and increases efficiency in data flow and quality control.

Worked on Release 3.0.11, Release 3.0.12 (Splitter), AIA Group-1/2 & 3, Hague, PE2E, IB integration, Upstream/Downstream Automation, CRF Validator and ABSS, RedBook/GreenBook modification, SCORE Upgrade and JBOSS migration, AIA-Group-3, Hague-2 (Phase-1,2 and 3). CMS 1.0, RDMS 1.7

Responsibilities

Administration:

- Provide 24/6 production support using Remedy System ticketing system for newly implemented customizations in WebTop Application & other services oriented applications.
- Environment Setup & Deployment of customization in the clustered environment.
- Handled UAT, GO Live and Post Production Support Issues.
- Registering and creating tables in the docbase, preparing reports from the docbase as per the user requirement.
- Involved in 5.3 to D6.7 Migration for each region.
- Configuration of HA Environment.
- dm_check_password customization for SSO interface.
- Automation of Monitoring Activity tools like Audit report & Exception caching etc.
- Automation of New User Creation and Addition of existing users to new groups
- Automation for Monitoring the Job Status.
- Federation Job tailoring customization.
- Automation of Startup & shutdown Scripts.
- DFC Session Leak Detector tool automation.
- Metrics Collection & Report Generation.
- Documentation
- Conducting training sessions for Knowledge Transfer
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Development:

- Architect, design, develop, code, test and support Multi-Tier software applications including Content Management applications leveraging software technologies such as Java, J2EE, Java Beans, JDBC, Servlets, RMI, Documentum, XML/XSL, Crystal Reports,

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- SharePoint, UML, Rational Software Architect and related tools. Analyze business and system requirements. Translate business requirements into detailed technical requirement specifications.
- Upgrade and migrate legacy applications to Documentum and integrate with existing applications.
 - Developing Service Based Objects (SBO), Type Based Objects (TBO), Business Objects Framework (BOF), Business Process Services (BPS).
 - Designing software architecture using Object Oriented Analysis and Design techniques. Create Use Cases, Component Diagrams, Class Diagrams, and Sequence Diagrams.
 - Develop and code client and server side components and modules to implement system functionalities.
 - Design and develop Web Services.
 - Create test cases and scenarios and perform unit/integration testing. Configure/deploy applications on web/application servers.
 - Implement software configuration management and version control. E
 - Enhance/tune and maintain developed software.
 - Provide technical support and troubleshoot operating problems.
 - Responsible for implementing Documentum services to achieve the patent document implementing the Documentum 6.7SP1 integration
 - Service base trigger is modified/ developed for the drawing documents (SBO).
 - Validator code changes for major bugs in OIPE Load module and PDF/HTML report generation using jasper report and send PDF Copy to IFW using IBM MQ.
 - Worked on Splitter bugs for sequence format ST23, ST24 and ST25. The splitter program takes application number and exports the relevant sequence listing (ApplicationNumber.raw) from the score content server. The splitter program just splits this .raw file into .pep file and .seq file using JAVA UTIL and DOM Parser. These split files are exported to ABSS. There are some defects when these .pep and .seq files are created.
 - Unit and Integration testing.
 - Build Applications using ANT build tool.
 - Update/Prepare PIP (Production Installation Plan), Build Instruction document, PMM (Programmer's Maintenance Document) etc.
 - Make the deliverables.
 - Coding for upgrade and migration from Documentum 6.0SP1 to 6.7SP1.
 - **Automating** all export, import, upstream/downstream in cross environment platform (UNIX, Windows and VM) where data is shared through UNC or NAS. This automation is done using windows batch script, unix shell script and java code without effecting current process.

Environment

Operating Systems: UNIX, LINUX, Windows 2007, 2008 Server.

Programming Languages: General: Java, XML

Databases: Oracle 10g, 11 and MS-Access.

Development Tools:

JAVA: JavaBeans-ActiveX Bridge, JavaBeans, Servlet, JFC, JDBC, RMI, JWS DP (JSP, JAX-RPC, JAXB, JAXR, JAXP, JAXM).

.NET: C#, ASP.NET XML Web services & Microsoft Sharepoint Portal.

Web Tools: XML, XSL, XSLT, HTML, JavaScript, SOAP, AJAX

Others: IBM X beans, Oracle XML Parser.

Web / App Servers: iplanet, Netscape, Tomcat, Apache, Tomcat, Websphere,

Content Management Systems: Documentum e-Content Server 7.2, 6.0, DCM and Webtop 6.0, Web Publisher 6.0, WebCache 6.0, Composer, iDQL, iAPI, Documentum e-Business Server (DFC, Administrator, RightSite, Web Publisher, WebTop, Developer Studio), JMS, JOBS/Methods, Taskspace 6.0 Interwoven TeamSite® Content Server (Templates, API, workflow builder, Administrator), SBO, TBO, BOF, BPS. Workflow, User, Group, ACL, Audit-trail, FirstDoc, Assessing XML Store Integration with Documentum & XML Publishing. DFS, BPS, or Web Services (REST/SOAP), RPS, SOLR.

Server/File system/Security :

Active-Active architecture/Active-Passive architecture, UNIX file systems, security, networks

Open Source Tools: Apache Tomcat, Jakarta Struts, Hibernate, Xerces

GUI Tools (IDE): IBM VisualAge Java, Power Builder, Oracle Forms, Netbeans, Documentum Composer, Eclipse, IntelliJ

Version Control: ClearCase, Visual Safe Source. SVN.

Case Tools: UML and Rational Rose,

Test Case: Rational Manual Tester, JUNIT Test.

Build Script: ant-1.7.0, jruby-bin-1.4.1, apache-maven-3.0.2

Tata Consultancy Services

July, 2007 – December, 2011

IT Analyst (Last Designation)

Role - Module Lead

Project Title Centocor R&D Application

Sr. Documentum Consultant

Client: **Johnson & Johnson**

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Involvement in Production support for JNJDOCS 6.5SPx:

JNJDOCS is a shared Documentum Active-Active architecture on HP-UX 64 bit platform which demands exposure on UNIX file systems, security, networks, System performance, SAN, NAS, Unix Clustering, load balancing and Virtual IP's. This is a single shared docbase where applications function governed by ACL and group secure policy with enabled audit-trail and backup techniques.

Involvement in production support for Pharmaceutical Manufacturing and Operations group for multiple applications like **eTMF, EFMS, ERMS (Enterprise Record Management System), Odin and image, eLabeling, Medversation** which is based on Content Web Based Management System.

Documentum platform upgrade for SDP (Shared Platform) from 5.2.5 → 5.3SP6 → 6.0 → 6.7SP1 and production support/development.

The Shared Documentum Platform is used by 4 different J&J operating companies – Ortho Biotech, Centocor Inc, GBSC and McNeil Consumers. The applications all share the same Content server, Rendition Servers, PDF Aqua servers and Oracle-9i/11g back-end. The applications themselves are varied – two based on Documentum Compliance Manager, one on **Documentum Records Manager** and the other on McLaren Enterprise Engineering. The project involves the upgrade of the Content Servers (5.2.5 to 5.3SP6 to 6.0 to 6.7SP1), Application Server (BEA Weblogic 7.2 to 8.1), Tomcat, JBOSS, Rendition (5.2.5 to 5.3, 6.7), PDF Aqua (5.1 to 5.2) and **Records Manager** creating policies, procedures and standards to compliance Jnj OpCos' with retention policies for trials record documents.

Responsibilities

Administration:

- **Installation and Configuration of Documentum applications in DEV,QA,Preprod & Prod Environments.**
- **Installation and configuration of CAPTIVA.**
- **Implementation of the High Availability (HA) in pre-prod and prod environments.**
- **Documentating of the installation and the configuration steps of the Documentum Components.**
- **Analyzing and implementing any new hot fixes from EMC.**
- **Handling deployments in DEV,QA,Preprod & Prod environments and issues after the deployment.**
- **Providing 24/5 production support (L2/L3) for Documentum Applications.**

Monitoring:

- **Set up of sitescope for monitoring of Documentum Applications.**
- **Configuration of Basic sitescope Application**
- **Development of sitescope plugins and configuration of those plugins into sitescope.**
- **Configuration of graphs,reports and trending of logs**
- **Email notification setup**
- **Configuration of jManager on Jboss application server and monitoring of it using the tools like application manager for memory leak issues etc**

Development:

- Involved as module lead and Architect in a variety of software research, design and development projects, testing and support web-based Multi-Tier software applications including Java/J2EE, and Documentum technologies (Content Management)/projects (requirement gathering, coding and delivery using waterfall model) along with client communication, offshore-onsite co-ordination and providing optimal solution..
- Involved extensive use of such software tools and technologies as Java, J2EE, Java Beans, JDBC, Servlets, RMI, Documentum, XML/XSL, Crystal Reports, SharePoint, UML, Rational Rose, Unix and related tools. Also involved seamlessly in analyzing business and system requirements, translating business requirements into detailed technical requirement specifications, designing software architecture using Object Oriented analysis and design techniques, creation of Use Cases, Component Diagrams, Class Diagrams, and Sequence Diagrams, Architect workflow solutions using Documentum, developing Service Based Objects (SBO), Type Based Objects (TBO), Business Objects Framework (BOF), Business Process Services (BPS), developing and coding client and server side components and modules to implement system functionalities, designing and developing Web Services, Upgrade/migrate legacy applications to Documentum and integrate with existing applications, creation of test cases and scenarios and perform unit/integration testing, configuring/deploying applications on web/application servers, Implementing of software configuration management and version control, enhancement/tuning and maintain developed software, providing technical support and troubleshooting operating problems.
- Responsible for implementing best Documentum services to **achieve** the company's goal as company was implementing the Documentum integration along with retention policy.
- Created formal records and file plans.
- Created policies like containment, security, retention policies and adding rules.
- Added user roles and group roles to the security policies examples Records Contributor ,Records Manager, Security Officer, etc.,
- Created Physical documents as formal records and record relationships like Supporting Relationship ,Suspend Relationship etc.,
- Created retention policy templates with Base dates, contacts, Conditions, etc., and with the different phases and applied disposition strategies like Export All, Destroy all of the documents.
- Created retention policies, applied the policies to the objects with aging and disposition within a lifecycle.
- Created Work Order objects and notifications.
- Worked on moving, linking retained objects.

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- Worked on administrative tasks on daily basis.
- Created Physical objects, charge out objects, library requests.
- Generated Barcode rules.
- Created Label printing rules.
- Generated custom physical records report, library reports, etc.,
- Developing Customized web interface with WEBTOP, JDK, JSP, DFC
- Worked on Java Server Pages (JSP) development for dynamic content generation and personalized content delivery. Reviewing customized WEPTOP pages.
- Created various User Defined Components namely 'Custom Flow', 'Approved Documents', 'Change Password' from scratch involving XML, layout JSP, Java Server Classes, Data Bound Controls, Events and Handling Framesets to meet users business logic and their requirements
- Provided solutions to Documentum based issues and provided support to users
- Designed the Content architecture. Identified type of users, groups, ACL's.
- Designed the structure using web publisher for publishing the company's content at periodic interval.
- Created new object types, format objects, alias set objects in Docbase for supporting Docbase users and applications. Created methods, jobs, location object, mount point objects to automate administration tasks. Modified the configuration of the server, Docbroker and client-sessions.
- Created web applications using WDK templates and DFC
- Responsible for writing Docbasic scripts
- Identified workflows and lifecycles for Business and BusinessDirect site of Taro
- Built Utility tool for Migration of documents from eRoom to eLabeling docbase.
- Troubleshooting performance issues and fixing on demand basis.
- Addressing reported issues and RCA analysis.

Environment

Tools IDQL, IAPI, DA, DCM, Webtop, Developer Studio, SCS, SAMSON.

Operating Systems: IBM AS/400, UNIX, HP-UX, Sun Solaris, OS/400, Windows 95, NT, 2000 Server and XP.

Programming Languages: General: C#, Java, XML, C, C++, Visual Basic and CGI Perl.

IBM specific: RPG III, RPG/400, RPGIV, CL/400, SQL/400, COBOL/400, Client Access/400 and ILE.

Databases: Oracle 8i, 9i, 10g, 11, SQL Server2000 (all versions), DB2/400, Sybase and MS-Access.

Development Tools:

JAVA: CAS-COM Bridge, JavaBeans-ActiveX Bridge, JavaBeans, EJB, Servlets, JFC, JDBC, RMI, JWSDP (JSP, JAX-RPC, JAXB, JAXR, JAXP, JAXM).

.NET: C#, VB.NET, Visual Studio.NET, ASP.NET, ADO.NET, COM+, XML Web services & Microsoft Sharepoint Portal.

Web Tools: XML, XSL, XSLT, CGI PerlScript, HTML, DHTML, JavaScript, SOAP.

Internationalization: I18N.

Others: IBM X beans, Oracle XML Parser, Xerces, Xalan.

Web / App Servers: iplanet, Netscape, Tomcat, Apache, Microsoft IIS and Jrun. Tomcat, Websphere, Weblogic

Content Management Systems: Documentum e-Content Server 4i/5i/6i, Documentum Administrator (all versions incl 6.5/6.7) Doc Control Manager 4i/5i/6i, Web Publisher 4.4.2/5.2, Documentum WebTop (all versions incl 6.5/6.7) WebCache 4.3.1/5.2, Documentum Application Builder (all versions incl 6.5) WDK, WebTop (all versions incl 6.5) Desktop Client 4.2/5.2.5, (all versions incl 6.5), iDQL, iAPI, Documentum e-Business Server (DFC, Administrator, RightSite, Web Publisher, WebTop, Developer Studio), TaskSpace 6.5 Interwoven TeamSite® Content Server (Templates, API, workflow builder, Administrator), Microsoft Content Management Server (Web Author, Authoring Connector, Site Manager, API), SBO, TBO, BOF, BPS. Workflow, User, Group, ACL, Audit-trail, FirstDoc, Assessing XML Store Integration with Documentum & XML Publishing. DFS, BPS, or Web Services (REST/SOAP), RPS.

Server/File system/Security :

Active-Active architecture/Active-Passive architecture, UNIX file systems, security, networks

Open Source Tools: Apache Tomcat, Jakarta Struts, Hibernate, Xerces

GUI Tools (IDE): Sun One Studio, Visual Cafe, IBM VisualAge Java, Power Builder, Oracle Forms, Netbeans, Documentum Composer, Adobe Flex, Eclipse, IntelliJ(All versions)

Other: Packages: MRP / ERP: BPCS, MAPICS, CITRIX, Site Scope.

Case Tools: Synon2/E, AS/SET, UML and Rational Rose.

Y2K Tools: Abstract Probe++, Hawkeye.

Test Case: Rational Manual Tester, JUNIT Test.

Build Script: ant-1.7.0, jruby-bin-1.4.1, apache-maven-3.0.2

Enterprise System Solution PVT. LTD

April,2007 – June,2007

System Consultant

Project Amandai

Java Tech Lead

Client: CSDC Systems, Canada

Features of system:

- * Model-View-Controller (MVC) Architecture
- * Presentation logic is separated from the Business logic.

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- * Servlets are used for Controls and JSP Pages for presentation.
- * Best Practices and patterns are used in each tier, making the application modular and distributable.
- * Various SQL models that map to the customer shipment in the database schema
- * Internationalization using Java Bundles and UTF8 character sets encoding.
- * Professional and Business Look-and-Feels are generated using HTML, DHTML.
- * Client APIs are developed using JAVA.

Responsibilities:

- * Worked as a technical lead and developed Front-End Screens, setting database, participating in all business, Planning and Architecture levels.
- * Analyzed code for possible bottlenecks and implemented performance enhancements.
- * Business analysis of the client's requirement.
- * Created a support model/methodology document, which was later on approved by the client.
- * Troubleshooting and providing solutions for production issues raised by either end user / automated monitors.
- * Provided technical assistance to the developers and behave like a bridge between the technical and business World.

Environment:

Operating Systems: Windows NT, XP, 2000 Server.

Programming Languages: General: C/C++, Java/J2ee, JSP, Servlet, EJB, XML

Databases: Oracle 8, 9i, Sybase and MS-Access.

Development Tools:

JAVA: JavaBeans-ActiveX Bridge, JavaBeans, Servlet, Java-Script, JFC, ODBC, JDBC, RMI, JNI, JWS DP (JSP, JAX-RPC, JAXB, JAXR, JAXP, JAXM), Swing, AWT, DOM, JDOM, Collections, I/O,

Design Patterns: Singleton/Façade/Observer/Composite, Strategy

Web Tools: XML, XSL, XSLT, HTML, DHTML, JavaScript, SOAP, AJAX,

Others: IBM X beans, Oracle XML Parser, Microsoft Front Page.

Web / App Servers: iplanet, Netscape, Tomcat, Apache, Oracle Application Server, J2ee server, Weblogic 6.5/7.1.

Open Source Tools: Apache Tomcat, Jakarta Struts.

IDE: Eclipse, JCreator, Gel.

Version Control: Visual Safe Source.

Case Tools: UML

Test Case: JUNIT Test.

Build Script: ant-1.3.0

Targett Infotech

March,2005 – April,2007

Software Engineer

Project: Query Management System

Developer

Client: CBPL

October -2006 to March -2007

Responsibilities:

- Developed High Level and Detailed Design documents.
- Developed System Test cases and Unit Test cases
- Implemented the Data Retrieval and Document Generation, Document Transmission and Administration modules using EJB, Java Mail, JSP, Servlet, Struts framework, Webservices
- Executed the Unit Test cases and fixed the resulting bugs
- Developed ANT script to build the ear file
- Worked on deployment activities of Outbound Interface application.
- Involved in integration testing of Outbound Interfaces

Environment:

Java, JSP, Servlets, HTML, JavaScript, Application Server Tomcat, J2EE server, Database Postgress, Oracle, Operating system Linux (Red Hat 7.1), Windows

Project: School Management System

Developer

Customer: Product for schools

February-2006 to September-2006

Responsibilities:

- Analysis of the Branch component, Manager Approval, Message Transmission modules
- Low level design of Branch component, Manager Approval, Message Transmission using Argo UML. Created necessary classes and sequence diagrams. Apart from uml model created the design document in word doc format.

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- Install and setup development environment using Eclipse, WebLogic 8.1 Application server and Oracle 9i.
- Coding for Branch component, Manager Approval, Message Transmission along with 4 other developers using DAO-DTO design pattern and Java beans at persistence layer
- Wrote JUnit test cases for Branch component
- Developed Swing based client for Manager Approval component.
- Supervised and guided 4 developers to ensure on time completion of the project.
- Conducted code reviews for Branch component, Manager Approval, Message Transmission modules
- Developed distribution of Swing based Manager Approval client to the desktops using Web Start Technology.
- Developed ANT scripts to build Branch Component, Manager Approval, Message Transmission modules
- Performance testing of the Branch component module using JMeter.

Environment:

Java, JDBC, Java Beans, HTML, HTML Wrapper, JavaScript, JSP and Servlets. Database Postgress, Oracle, MySQL, Operating System Linux

Project: Automation of Laboratory System

Developer

Customer: Diagnostics and Research Centre

March-2005 to January-2006

Responsibilities:

- Requirements Gathering and preparation of Requirement Specification document
- Design System Architecture, Data base table design for Document Retrieval System.
- Designed the approach & architecture to save to documents and revisions on the hard disk.
- Low level design of deciding a package structure, classes, attributes and methods for DRS system using Argo UML tool. Created the necessary sequence diagrams
- Designed the frame work classes and implement them along with two other developers.
- Coding for Security, Add and Replace documents, and Subscription modules using JSP, Servlet, Java, Java Beans (Oserver Design pattern)
- Done a code reviews.
- Developed System Test cases, monitored and supported the User Acceptance testing
- Performance testing using JMeter application boundary conditions testing.
- Resolved the technical difficulties faced by other developers and guide them when necessary

Environment:

Operating Systems: Windows NT, XP, 2000 Server, LINUX

Programming Languages: General: C/C++, Java/J2ee, JSP, Servlet, EJB , XML

Databases: DB2, Oracle 8, 9i, Sybase

Development Tools:

JAVA: JavaBeans-ActiveX Bridge, JavaBeans, Servlet, Servlet Filter, Servlet Chain & Chain Filter, JSP, JFC, ODBC, JDBC, RMI, JNI, wing, AWT. DOM, JDOM, Collections, I/O

Design Patterns: Singleton/Façade Strategy

Web Tools: HTML, DHTML, JavaScript, SOAP, AJAX,

Others: Microsoft Front Page.

Web / App Servers: Tomcat, Apache, Oracle Application Server, J2ee server, Weblogic 6.5/7.1.

Open Source Tools: Apache Tomcat, Jakarta Struts.

IDE: Eclipse, JCreator

Version Control: Visual Safe Source.

Case Tools: ARGO UML

Test Case: JUNIT Test.

Build Script: ant-1.3.0

Publications

KNOWMAX Contributin : Why Observer Design Pattern

2/25/2009

It is approved and published in Tata Consultancy Services asset portal

KNOWMAX Contributin : Impotency of Init and Destroy for Servlet

2/25/2009

It is approved and published in Tata Consultancy Services asset portal

HONOURS & AWARDS

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TCS GEMS – On Spot

05/25/2011

Achievement: "Continuously showing dedication thru hardwork and intelligence to keep the service level high."... as quoted by project manager.

TCS GEMS – On Spot

12/16/2008

Achievement: "Debasis has been an integral part of the Centocor support team since July, 2007. He joined as a Java resource and cross-trained into Documentum fast. Through his analytical thinking and innovative approach he has brought about a number of value additions. Thus he has won the confidence of his seniors, as well as the client"... as quoted by project manager.

TCS GEMS - Star Of The Month

9/23/2008

Achievement: "Debasis is extremely hard working and perseverant; he always looks out for opportunities to contribute to the project. He has excelled himself and won customer appreciation several times"... as quoted by project manager.