CHOWDHURY,AL MAMUN

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**SUMMARY**

* 7 Years of overall IT experience in software development with emphasis on JAVA/J2EE Application Development experience in client/server and web based n-tier architecture systems.
* Experienced as a JAVA/J2EE programmer, developing applications using Servlet, JSP, JDBC, Hibernate and Spring MVC architecture.
* Strong understanding of Object Oriented Design concepts and Analysis.
* Good Experience on Core Java concepts like JavaBeans, Collections Frameworks, Exception Handling, Multi-threading and Network programming etc.
* Developed UI pages using HTML, DHTML, CSS, JSP, JSTL, AJAX, and JavaScript.
* Good experience in server side Business Logic Development using Session, Entity and Message Driven Beans.
* Have experience with XML technologies - XML, DTD, XSD, XSLT, JAXP and JAXB.
* Produced as well as consumed web services including SOAP &RESTful using WSDL, SOAP, Java Web Services (JAXB), Axis2, CXF and JERSEY.
* Hands-on experience with Web/Application servers such as Tomcat Server, JBoss,andWeblogic
* Experience in writing and executing unit test cases using JUnit Testing Framework.
* Working knowledge of Agile Development-Scrum, Iterative and Waterfall methodologies.
* Actively involved in requirements gathering, Analysis, Design, Coding and Code Reviews.
* Extensive knowledge of J2EE Architecture and Design Patterns.
* Strong knowledge in Java Messaging Service (JMS).
* Well versed in both Client and Server-side Programming using Java Technologies.
* Experienced in working with SQL Server 2008/12 and Oracle 11g Database.
* Hands-on experience in writing SQL & PL SQL - stored procedures, functions, views, triggers, complex joins and cursors.
* Was involved in the generation of token from the client, passing it to the service layer and getting acknowledgment from the back end side where RSA Cleartrust and LDAP will verify the credentials.
* Experience in using source control repositories such as SVN, Git.
* Excellent in troubleshooting/debugging for software applications.
* Assisted in Developing testing plans and procedures for unit test, system test, and acceptance testing.
* Involved in preparation of developer test cases, execution and preparation of scope & traceability matrix.
* Proven track record of coding, integrating complex technical processes within international, high-profile and deadline-oriented environments.

**TECHNICAL SKILLS**

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| **Languages:** | C++, JAVA /J2EE: JDBC, Servlets,and JSP. |
| **MVC Frameworks:** | Struts, Hibernate, and Spring. |
| **Operating System:** | Windows, Unix/Linux. |
| **Database:** | My SQL, SQL Server 2008, Oracle 11g, MS Access. |
| **Web Technologies:** | HTML, CSS, JavaScript, JQuery, Ajax. AngularJS |
| **Web Services:** | JAX-RPC/JAX-WS, Axis2, SOAP, WSDL, UDDI, CXF, JERSEY |
| **Application/Web Server:** | Tomcat, Glass Fish, Web sphere, Web logic, JBoss. |
| **Methodologies:** | Waterfall, Scrum, Spiral, Iterative Development. |
| **Testing Tools:** | JUnit. |
| **Design Tools:** | UML, MS Visio, MS project. |
| **Version Controlling tools:** | SVN, GIT. |
| **IDE Tools:** | Eclipse, Net beans, Dev++, Code Block |

**WORK EXPERIENCE**

**GE Healthcare, San Ramon, CA**

**October 2014 to date**

**Java/J2EE Developer**

**Project-**

**Description:**

GE Healthcare provides transformational medical technologies and services helping to deliver patient care to people around the world. GE Healthcare provides an online website for the customers. This website is an e-commerce application which provides an online interface to manage user accounts for the customers to facilitate customers to view, purchase products and request services.

**Responsibilities:**

• Designed Use Case and Sequence Diagrams according to UML standard using IBM Rational Rose.

• Developed the entire application implementing MVC Architectue integration Hibernate and spring frameworks.  
• Performed client side validations using JavaScript and server side validations using Spring MVC Form Validation Framework.   
• Implemented JDBC using spring in the data access object layer to access and update information in the Oracle 11g Database.  
• Used Hibernate Annotations to reduce time at the configuration level and accessed Annotated bean from Hibernate DAO layer.   
• Used HQL statements and procedures to fetch the data from the database.   
• Used JMS for asynchronous exchange of message by applications on different platforms.   
• Developed the view components using JSP, HTML, CSS and spring tag libraries.   
• Involved in designing and implementation of Session Facade, Business Delegate, Service Locator patterns to delegate request to appropriate resources.

•Experienced and tested the integration with Developer Edition Account, which requires Security token appended with password while connecting.  
• Used JUnit Testing Framework for performing Unit testing.   
• Used Web services-WSDL and SOAP for getting required information from third party.

• Implemented web services with Apache CXF Axis.

• Worked with Log4J for logging purpose in the project.

•Used Maven to build the J2EE Application

**Environment:** Spring, Hibernate, JSP, RAD, JMS, CVS, JavaScript, XSL, XSLT, Servlets, Websphere Application Server, Oracle.

**Wright Patt Credit Union, Dayton, OH**

**January 2013 to September 2014**

**Java/J2EE Developer**-

**Project Description:**

The project included archival, retrieval and viewing of details of each and every Wright Patt Credit Union Bank user worked on. The whole process starts from the moment a cheque is deposited by a customer. Once the cheque is scanned, the front and back image of the cheque is standardized according to Check 21 regulations specified by US Banking agencies. Along with Cheque images, data from the cheque is also extracted and archived. These include Account Number, Endorsements, and MICR Number etc. Based on Client Request, data, image or both are retrieved and given to the customer.

**Responsibilities:**

• Involved in the Analysis, Design, Coding, modification and implementation of user requirements in the online banking automation application.   
• Developed web application based on J2EE Spring MVC framework.  
• Creating procedure and fine tuning the existing procedure to handle huge amount of transaction.   
• Interacted with business analyst for preparing business requirement.   
• Reviewed code and encouraged developers to use key design patterns, such as Façade and Factory patterns.   
• Created an XML configuration file for Hibernate -- Database connectivity.   
• Configured Hibernate objects as Spring Beans in the Spring Configuration File.   
• Created connections to database using Hibernate session Factory, using Hibernate APIs to retrieve and store images to the database with Hibernate transaction control.   
• Implemented persistence layer using various features of Hibernate framework like HQL queries, Criteria.  
• Implemented Restful web service with the use of URI templates and content negotiation.   
• Defined persistent classes that are mapped to database tables based on the analysis of the business domain.

•ü  Writing XML Web Services for Backend Logic, Security Token and also for IDM services  
• Followed Test Driven Development (TDD), Scrum concepts of the Agile Methodology to produce high Quality Software in a fast paced environment.   
• Bug fixing and 24/7 production support.   
• Involved in integration testing and deployment of the module as part of the overall application.

**Environment:** Java, J2EE, Servlets, Spring(MVC), Spring Framework, Hibernate, WebSphere, Eclipse IDE, JSP, JPA, JDBC, EJB, HTML, JavaScript, Web services, CSS, JQuery, SOAP, WSDL, JDK 1.5, Agile, SQL, and JUnit.

**Valley National Bank, Wayne, NJ**

**June 2011 to December 2012**

**Java/J2EE Developer**–

**Project Description:**

Securities lending system provides a single, centralized, real-time system for borrowing and lending of securities like stocks, Fixed Income Instrument (T-bill and T-notes). Requests to borrow are routed to specified lenders and associated execution information is returned to the borrower without manual intervention. Securities Lending System has Desktop Client for call center and website for international users. User can specify time limit, rebate rate, collateral type, delivery details, maximum price and books.   
   
**Responsibilities:**

* The entire application was developed in J2EE using Struts MVC based architecture.
* Involved in design and interacted with business intelligence team during requirement analysis.
* Involved in developing database modeling and database schema.
* Used the Struts framework and Standard Tag Libraries and various custom in-house custom tag libraries for the presentation layer.
* Used Hibernate ORM framework for data persistence layer.
* Involved in creating the Hibernate POJO Objects and mapped using Hibernate Annotations.
* Developed user interface using JSP, and HTML to simplify the complexities of the application.
* Used SOAP for getting information from third party.
* Developed new screens to the application by designing the UI with HTML, CSS, JavaScript, and AJAX.
* Defect resolution and System Enhancement through Technical analysis to fix defects in the business process and workflow.
* Coordinating with other application teams to analyze defects and fix bugs.
* Played a vital role in identifying gaps in the requirements and effectively communicate to the business and proposing new solutions by working with the business analysts and Subject Matter Experts.
* Used JMS for asynchronous messaging between different modules.
* Developed the application using Eclipse as the IDE and used standard features for editing, debugging, running etc.
* Writing technical analysis documents, design review documents and JUnit cases.
* Involved in Bug fixing of various modules that were raised by the testing teams in the application during the Integration testing phase.
* Implemented Log4J for Logging Errors, debugging and tracking using loggers, appenders’ components.
* Application was deployed on clustered Web Sphere Application Server.

Environment: JDK 1.7, JSP, Struts , Hibernate, IBM WebSphere, JavaScript, HTML, XML, Eclipse, Surround SCM , Oracle, MS Visio, Log4J , ANT, SQL Server, Servlets. 

**Merck Pharmaceutical, Whitehouse Station, NJ-**

**Oct 2008 – May 2011**

**Java/J2EE Developer**

**Project Description:**

IMRS (Inventory Management and Reordering System) is to work with MIT (Material Information Tracing System). This systems facilitates the Merck Pharmaceutical managers & supervisors in management of all Merck compounds distribution and inventory. This system was designed to suit the industry standards and aimed at improving the productivity of the system by 70%. 

**Responsibilities:**

•Involved in Design and Coding of various JAVA, J2EE modules   
•Involved in Design and Coding of User Interfaces using JSP, AJAX and Servlets.   
•Involved in Design and Coding of Web Services to implement SOA.   
•Created PL/SQL procedures and fine tune database queries.   
•Involved in critical application enhancements and performance improvements.•Used Spring framework to define beans for Entity and corresponding depended services.  
•Developed web services to communicate with external systems.    
•Prepared Test Plans and executed at Integration level.   
•Implemented design patterns like Singleton, Business Delegate, Service Locator and DAO.    
• Implemented ANT tasks to build and deploy the application   
•Communicate with Business Users and facilitate them with required data.

**Environment:**

Java 1.6, J2EE,Spring, JAX-WS, JDBC, JSP, Servlets, Apache Tomcat, UNIX (Solaris), HTML, CSS, XML, AJAX, Java Script. 

**EDUCATION**

### MS, Computer Information Systems, Brooklyn College, CU NY

* MA, Marketing, Dhaka University, Bangladesh