

Shuvabrata Saha

Pennsylvania - Email me on Indeed: indeed.com/r/Shuvabrata-Saha/1fbbde77e54a2dcf

- 7+ years of IT experience in all phases of Software Development Life Cycle (SDLC) including Analysis, design, implementation, integration, testing and maintenance of applications using Java/J2EE technologies.
- Experienced in Object Oriented Analysis, Design & Programming.
- Expertise in developing Multi-tier enterprise level web applications using various Java 1.4/1.5, J2EE technologies JSP, Servlets, JSF, EJB, JDBC, and XML.
- Good knowledge and experience in implementing open source frameworks Hibernate, spring, Struts, and integrating among them.
- Good Knowledge of Web Services using SOAP, RESTful.
- Expertise in web development using HTML, DHTML, XHTML, CSS, JavaScript, JQuery, YUI, JSON Technologies.
- Strong experience in deployment and configuration of application servers IBM Web sphere, BEA Web Logic, Apache Tomcat.
- Strong hands-on experience on Application & Web Servers viz., Apache, TOMCAT, IBM WebSphere, JBOSS, and WebLogic including configuration, administration and documentation.
- Proficiency in developing software design patterns/frameworks J2EE Design Patterns (MVC, Business Delegate, Service Locator) and GOF Design Patterns (Abstract Factory, Factory Method, Singleton, Session Factory, Template Method, Strategy Pattern) using Struts and Springs.
- Experience with major databases such as Oracle, DB2, MYSQL, MS Access and MS SQL Server.
- Written SQL queries in PL/ SQL wrote new stored procedures, Triggers, cursors and modified existing ones depending on requirements in Oracle databases, SQL developer, TOAD.
- Experience in Web and Distributed Applications development on Windows/Linux/Unix platforms including Shell scripting.
- Implemented Single Page Application (SPA) Pattern and used Angular JS MVC to build a cross-browser application.
- Developed test cases with Junit, logging with Log4j, Built automation scripts with Maven and Ant.
- Strong team player and display good people skill when interacting with Business users, Functional and Technical team to meet the project deadlines.

WORK EXPERIENCE

TE CONNECTIVITY, PA - January 2016 to Present

Responsibilities

- Involved in developing Webservice operations in Service Oriented Architecture (SOA).
- Analyze requirements with team, write High Level design documents, System Use Case, analyze risk factors.
- Followed agile methodology during complete SDLC process.
- Participated Agile/Scrum development and deployment teams
- Used Spring Framework 4.1 for the application development.
- Responsible for Web UI development in JavaScript using jQuery, AngularJS, and AJAX
- Used Spring for bean instantiation, annotations, controllers, request mapping to handle the webservice request and response.
- Involved in front end development using Struts, JSP's, JSF and JSTL.
- Used JAXB for marshalling and unmarshalling of work order, billing XML documents, and JAXP for processing.

- Developed REST Web services to make web service calls simple and easy for the client to access it with the help of standard HTTP URIs.
- Design and developed request and response XML Schema(XSD) documents for webservice operations such as Retrieve History.
- Developing Intranet Web Application using J2EE architecture, using JSP to design the user interfaces and Hibernate for database connectivity.
- Developed DAOs using JPA, Hibernate persistence API for the database operations to interact with Oracle Database.
- Developed web service client using Spring Framework and REST HTTP protocol to get customer credentials and information.
- Responsible for creating efficient design and developing User Interaction screens using HTML, CSS, JavaScript, JQuery, AJAX and JSON.
- Implementing JSP Standard Tag Libraries (JSTL) along with Expression Language (EL).
- Created Mock-up designs and developed various functionalities with JavaScript and JQuery.
- Creating custom, general use modules and components which extend the elements and modules of core AngularJS.
- Extracted data in UI for different clients using JSON.
- Used AngularJS as the development framework to build a single-page application and reusable AngularJS applications.
- Templating engine for emails and reports was Freemarker.
- Integrated with third party Sale point API to make restful webservice call.
- Designed and developed necessary PL/SQL for the database operations as needed.
- Involved in deployment of the application at various environments (Development, QA Testing, Staging, and Production).
- AWS EC2 instances were configured in dev and qa environments with NodeJS.
- Batch jobs were automated using the Quartz scheduler.
- Used Maven for the project management like build, install.
- Deployed application on Apache Tomcat server.
- Used Subversion for version control and repository.
- Involved in writing Unit test cases for unit testing using Junit.
- Used Easymock for mocking downline services.
- Used Selenium for UI automation.
- Used JBehave for integration testing.
- Used log4j for logging errors, info, exceptions.
- Involved extensively in Code Reviews, Unit testing and Process Improvements.

Environment

JDK 1.7, Spring 4.1(DI, MVC, Tran Management, Integration, AOP), Hibernate 4.0, JAX-RS Webservices, JAX-WS Webservices, Apache CXF, JQuery 1.9, JQueryUI, AJAX, UML, MS Visio, JSTL, Oracle 11g, WebLogic 12.1, Eclipse 4.2, Junit, XMLSPY, SOAPUI 5.1, Log4j, Maven 3.1, Accurev, PMD, AWS, NodeJS, Bootstrap, AngularJS, HTML5, CSS3, Toad, Maven, Hudson, TcpMon, Sun Jersey, Junit 4.1, Powermock, Selenium, JIRA, Rally, Freemarker, Apache POI, Quartz Scheduler, TcpMon, JBehave, Selenium, Easymock.

Full Stack Web Developer

DISCOVERY FINANCIALS - Riverwoods, IL - August 2014 to December 2015

Responsibilities

- Responsible for the full stack (front end development, application logic, services, data persistence).
- Experience in coding and testing User Interface for cross browser compatibility.

- Designed the User Interface using use case diagrams, class diagrams, and sequence diagrams as a part of Design Phase using Rational Rose.
- Experience in working with Agile Methodologies. Have Experience in SCRUM Methodologies. Developed the application with HTML for widgets alignment.
- Experience with Unit test framework.
- Understand the existing systems and incorporating into current systems as a result of change in new business rules.
- In the DCA system: Developed Security Messaging Interface using JMS did the database transactions with Hibernate, developed the Hibernate.hbm and java classes and configured the hibernate.cfg.xml.
- Implemented Business processes such as user authentication, Transfer of Service using Session EJBs.
- Designed User Interface framework using Cascading Style Sheets (CSS), JSON, XML and AJAX.
- Designed Frontend with in object oriented Angular Js Framework and implement the various phase of Responsive Design of the requirement.
- Experience with API creation and testing with Rest client and Postman in browser for getting the response.
- Involved in coming up with good design of Spring controller related classes (Controllers, Form Controllers, Handler Interceptors) suitable for Handset Inventory.
- Used Spring Core (Dependency Injection), ORM integration and MVC modules with Hibernate and JPA.
- Developed the entire application by implementing MVC Architecture.
- Used WebLogic Application Server to deploy, implement and test the coded functionality.
- Distribution networks to deliver data into the data storage layer and API components Integration into Data Storage layer.
- Developed and store the data in hierarchical namespace in a three tier data structure and synchronized the data.
- Developed complex reports using Oracle 11g in the backend and substantial JDBC coding using the application was developed using weblogic 11g on SQL, PL/SQL, Stored Procedures etc.
- Used multithreading in programming to improve overall performance.
- Experienced in code review and represent as a team lead across all functionalities.
- Implemented log4j for logging.
- Used GIT to implement version control system.
- Used JUnit Framework for the unit testing of all the java classes.
- Installed and configured all the Linux servers in the network per specifications of clients.

Environment:

Java 1.6, J2EE, Oracle 11g, WebLogic 11g, Spring 3.0/MVC, Struts, Hibernate 3.3, JPA 1.2, Apache Couch, JUnit, Log4j, DOM Parser, Linux, SQL, PL/SQL, Rest UI, Soap, Apache Axis, Eclipse, Postman, GIT, Maven, HTML, AJAX, JMS, JavaScript, Angular JS, GIT, CSS, JSON, XML, XSLT.

Sr. Java Developer

HM HEALTH SOLUTIONS - Pittsburgh, PA - September 2012 to July 2014

Responsibilities

- Designs and develops application and user interface by setting expectations and features priorities throughout development life cycle within HM Health Solutions established framework.
- Involved in developing the application using Java/J2EE platform. Implemented the Model View Control (MVC) structure using Struts. Used JQuery for the development of web application using AngularJs, Ajax, DHTML and DOM scripting.
- Responsible to enhance the UI using HTML, Java Script, XML, JSP, CSS as per the requirements and providing the client side using JQuery validations.
- Developed Web services (JAX-WS) specification using Apache CXF as the implementation and developed client application API's using Node Js.

- Used Grid functionality like Gridfiltering, Multiple Sorting, Grid Cell Editing, Grid Row Editing.
- Used Spring Core Annotations for Dependency Injection and used Apache Camel to integrate Spring framework.
- Used Hibernate as Persistence framework mapping the ORM objects to table using Hibernate annotations.
- Responsible to write the different service classes and utility API, which will be used across the framework.
- Used Hibernate Transaction Management, Hibernate Batch Transactions, and Hibernate cache concepts.
- Used Axis to implementing Web Services for integration of different systems.
- Exposed various capabilities as Web Services using SOAP/WSDL.
- Used SOAP UI for testing the Web services by sending an SOAP request.
- Configured EC2 instance and Route53 for DNS hosting on AWS for dev environment and Used AJAX framework for server communication and seamless user experience.
- Designed and developed customized ESB to integrate and govern SOA services. Built various capabilities in ESB like Security, Message routing, message transformation, transaction management etc.
- Worked on Proof of Concept for developing application using Node Js and Mongo DB.
- Used Require Js to improve speed and quality of the code and Log4j for the logging the output to the files.
- Used Junit unit testing, Selenium for UI testing and Fitnesse for Integration testing.

Environment

JDK 1.8, Spring (DI, MVC, Transaction Management, AOP) JSP, JSP-EL, JSTL, Servlets, AWS, Oracle SOA, TOAD, HTML, CSS, XML, Angular JS, Cassandra, TOAD, SVN, Node JS, ESB, SOAP, REST, JAX-RS, Require JS, Log4J, Adobe Dreamweaver, Log4J, Sun Jersey, Quality Center, AJAX, Fitnesse, Hibernate.

Java Developer

GENIUN PARTS - Atlanta, GA - October 2010 to August 2012

Responsibilities

- Involved in designing and developing the application using JSP, HTML, CSS, YUI and made client validations using JavaScript.
- Extensively used Action, Dispatch Action, Action Forms, Struts Tag libraries, Struts Configuration from Struts.
- Responsible for implementing Use Cases and Design document and coordinating with the development and QA teams.
- Implemented object/relational persistence (Hibernate) for the domain model
- Developed and implemented the MVC Architectural Pattern using Struts Framework including JSP, Servlets and Action classes.
- Implemented UI components and validations using JQuery and DOJO libraries.
- Experience in Hibernate 3.x/4.x HQL which includes integrating legacy databases, writing custom CRUD statements, integrating stored procedures and functions and also performed polymorphic associations.
- Fundamental mastery of the AWS cloud computing platform, and its many dimensions of scalability including: VPC (Virtual Private Cloud), EC2, load-balancing with ELB, messaging with SQS (and scalable non-AWS alternatives), autoscaling architectures.
- Extracted data weekly from Oracle 11g to Derby database using Oracle SQL Developer database extraction and performed scripts to convert database tables efficiently.
- Made use of Data Access Object (DAO) design pattern for designing data access layer.
- Used SQL and PL/SQL Programming extensively to talk to Oracle database.
- Followed Agile & Scrum Methodology for development of the product
- Involved in writing the Named queries, Criteria queries in Hibernate.
- Configured objects in spring applicationcontext.xml.
- Used Log4j for logging.
- Used Spring IOC, AOP for creating beans and transaction management.
- Designed and developed Rich user interface using JavaScript, HTML5, CSS3, AJAX and JSON.

- Expertise in unit testing using JUNIT, Jasmine, Mockito.
- Used Stash as Distributed version control system and Git branching for creating a new feature and making bug fixes.
- Involved in Units integration, bug fixing, and User acceptance testing with test cases.

Environment

JDK 1.6 J2EE, JSP, Servlets, Struts, Hibernate, EJB, JavaScript, HTML, CSS, YUI, JSON, Eclipse, Rational Application Developer, WebSphere 6.5, MS SQL2008, Web services, UNIX.

Java Developer

RELISOURCE TECHNOLOGY LTD - Dhaka - June 2009 to September 2010

Responsibilities

- Implemented GUI screens for viewing using Servlets, JSP, Tag Libraries, JSTL, JavaBeans, HTML, JavaScript and Struts framework using MVC design pattern.
- Build, configured and deployed Web components on Web Logic application server.
- Migrating code from C++ to java using the Object oriented concepts
- Implemented custom JSP tags for displaying trader data.
- Creating the WSDL files for web services to publish the services to another application.
- Wrote the high performance multi-threaded Java code using singleton, mediator, visitor, facade, observer, template, factory, and delegate, publish and subscribe design pattern.
- Used Struts Tags to tie the Struts view Components to the rest of the framework.
- Ant and Shell scripts were written to automate some processes.
- Developed test cases using JUnit for functionality and unit testing.
- Wrote Java code for accessing trade data from Oracle and DB2 databases using JDBC API and SQL queries and accessed it from J2EE Web component.
- Used Java script and struts validation framework for performing front end validations.
- Developed Function Library using Java Script.

Environment

Java, HTML, Java Script, SQL Server, SQL, JSP, Struts, Spring, Hibernate, Web Services, SOAP

Software Developer

STRUCTURED DATA SYSTEMS LIMITED - June 2008 to May 2009

Responsibilities

- Interacted with the Project Leads and Project Managers to gather the requirements.
- Developed user interface using JSP and HTML.
- Used JDBC for the Database connectivity.
- Developed JUnit testing for server side code.
- Built, tested and debugged JSP pages for critical modules in the system.

Environment

J2EE, Java Script, Spring, JDBC, HTML, XML, Restful, MySQL, Apache.

EDUCATION

Bachelor of Science

BANGLADESH UNIVERSITY OF ENGINEERING & TECHNOLOGY

May 2008

ADDITIONAL INFORMATION

CORE COMPETENCIES

- Spring, Struts, JSF
- JAX-RPC, JAX-WS, JAX-RS
- AngularJS, NodeJS, JQuery, Bootstrap
- JUnit, Selenium

SKILLSET

Platforms Windows 2000/NT/ XP/Vista and Sun Solaris 2.8/2.9, UNIX

Programming JDK 1.5, 1.6, 1.7,1.8, C, C++

Server Scripting JSP1.2,2.1, JSP-EL, JSTL, Custom Tags

Client Scripting JQuery 1.8,1.9, JQueryUI, Dojo, ExtJS, AngularJS, Javascript, CSS2, CSS3, HTML4, HTML5, NodeJS

Java Frameworks Struts 1.2, Struts 2.1, Spring MVC,DI, AOP, JSF 1.1, JSF 2.1, GWT

Database Tools Toad for Oracle, Toad for MySQL, Toad for DB2, Toad for MS-SQL, MySQL Workbench,

Databases DB2, MS-SQL Server, HSQLDB, PostgreSQL, MySQL

Middleware Specifications EJB 2.1, EJB 3.0, CORBA, RMI, JMS

Version Control Tortoise SVN, GitHub, CVS

IDEs Eclipse 3.0, 3.1, MyEclipse 4.1, IntelliJ, Netbeans, JBuilder 2007, JDeveloper.

Build Tools ANT [...] Maven, Gradle

XML Tools Altova XML Spy [...]

XML Technologies XSLT, JAXP, JDOM, SAX, DOM, XPATH, XPOINTER, XML, XSD,DTD

Webservice Specifications JAX-RPC, JAX-WS, JAX-RS

Webservice Tools SoapUI 4.0,5.1, TcpMon

Webservice Implementations Axis 1.0,2.1, JWSDP2.1, Sun Metro, Sun Jersey, Apache XFire, Apache CXF

Application Servers Weblogic 8.1, 10.0, Websphere 6.1, JBoss 4.0, Glassfish 4.0

Web Servers Tomcat [...]

UML Tools Altova UML Model, Rational Enterprise, MS Visio

ORM Frameworks Hibernate [...] OpenJPA, iBatis

Defect Tracking JIRA, Bugzilla

Methodologies Agile (XP, Scrum), Rational Unified Process(RUP), Waterfall, Kanban

HTML Editors MS-Frontpage 2003, Adobe Dreamweaver, Coffee Cup HTML

ADDITIONAL SKILLS

- Proficient in website and UI design - Adobe Photoshop & Adobe Illustrator.
- Expertise in Search Engine Optimization techniques.
- Working knowledge of responsive and adaptive web and mobile semantic layouts.
- Proficiency in creating A11Y web pages for the hearing impaired and visually challenged.