**Amit Agarwal**

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**Professional Summary:**

* Four plus years of experience in development of Web based java applications and design of workflows
* Worked on projects related using J2EE Design Patterns like Singleton, Factory method, Facade, MVC (Model, View & Controller), Lazy Loading.
* Developed quality application code using Java/J2EE, JSP, Servlets, Spring ,Hibernate, HTML 5, CSS 3, Ajax, Bootstrap, JavaScript/JQuery, JPA, SOAP, ORACLE, SQL, XML, UML, SWING, JSTL and Spring tag libraries
* Experience of Agile based Scrum methodology and water fall model
* Extensively worked in Web Technologies using Servlets, JSP, JSTL, spring core, Spring MVC &Spring tag libraries, Hibernate ORM framework, Java Beans, Collections, JDBC, JavaScript, JQuery, XML, HTML, and CSS Bootstrap, Threading and Concurrent Programming, MEAN stack technologies.
* Experienced in XML and related technologies like XSL, XSLT and parsers like JAXP (SAX, DOM) and JAXB.
* Experience with Service Oriented Architecture (SOA), Rest based Web Services
* Experience in Oracle database platform, AS400 , SQL Server 2008 and MySql, with expertise in SQL standards, PL/SQL,
* Excellent working knowledge of web Server/Application server like Apache Tomcat, JBoss 7.x
* Extensively worked on Junit test cases using Mokito
* Excellent working knowledge on maven build projects
* Experience on Jenkins continuous Integration server
* Apply Test-Driven Development  & Experience designing and implementing solutions through all phases of the SDLC lifecycle
* Excellent knowledge of repositories like CSV, SVN and GitHub

**Technical Skills:**

* Programming Languages: Java, J2EE, HTML, JavaScript, JQuery, CSS, Ajax, Bootstrap, MEAN Stack
* J2EE Frameworks: JSP, EJB3/2, Servlets, JavaScript, JQuery, Spring Core and MVC, Hibernate ORM, JNDI, JSTL and Spring Tag Library,AJAX
* Cloud Platform: Amazon Web Services
* Design Patterns: Singleton, DAO, Factory
* Databases:  Oracle 9i, 10g, MySQL, AS400, NoSQL (Mongo DB)
* Frameworks: Hibernate ORM, Spring Core, Spring MVC
* Server: Apache Tomcat 5-7.x, JBoss 7 and Wildfly
* IDE: Eclipse, Netbeans, Oracle Developer Suite/Designer, Sql Workbench, SQL Developer, DB Visualizer
* Build Tools: Maven 1.x, 2.x and 3.x
* Operating System: Linux , and UNIX operating system

**Certification:**

* Oracle certified Associate Java Programmer I

**Professional Experience: October 2015 – Currently Working**

**Employer: Sears Holding Corporation**

**Role: Senior Java developer/Senior Analyst**

**Description:** Working on multiple applications based on concept of managing retail industry. Our applications main function is to reduce yearly shrink for all nationwide stores, completing all audits pertaining to stores which help in managing store based strategy in a better way and to create multiple plans based on user inputs to reduce accident in stores.

Responsibilities:

* Design, implement and test requirements
* Maintain record of all maintenance release for all applications and maintain knowledge of all enhancements
* Working solely on new application that will reduce inventory count mismatch for each and every store which includes designing, development of workflows, database, and application itself
* Responsible to write Junit test cases for service/DAO layer
* Interface with businesses and development teams across onshore and offshore
* Worked on configuring all applications to make use of secure connection (SSL)
* Worked on multiple requirements given by business and converting them to technical specifications
* Identified multiple opportunities to optimize and fine-tuned all applications

**Environment:**  Java 1.7, Spring 34, Restful Web Services, Eclipse, JBoss, Git-Hub, XML, XHTML, JavaScript, JQuery, CSS,Bootstrap, SQL Server 2008 and Log4j, Maven 3.x

**Employer: Capgemini January 2014- October 2015**

**Project:** Manheim Auctions

**Role:** Application Dev Engineer

**Description:** Capgemini development team was formed to build, deploy and support all Manheim Java based applications and process improvements and preventive/perfective maintenance. Application development includes multiple technologies including web services (SOAP based), J2EE applications frameworks. Our roles is to develop and enable applications for highly available, more stable with high performance and better user experience.

Responsibilities:

* Responsible for developing and maintaining all the entity and session beans
* Actively involved in development of Multi-threaded application server based application on J2EE architecture including working on schedulers and cron jobs
* Involved in designed and development of web interface using JSP, Servlets, JavaScript and Spring JDBC template for administering and managing users and clients.
* Developed application which involved establishing connection with SFTP using JSCH libraries
* Conducts root cause analysis and correlation of other system and/or application problems of high complexity.
* Used JUnit and Mockito framework for unit testing of application and Log4j to capture errors and providing logs
* Writing PL/SQL module to migrate and reconcile data from third parties into database
* Performs actions aligned with defined standards and best practices.
* Debug java code and identifies the bug and inform development team with the solution
* Perform application profiling and does the root cause analysis for the application

**Environment:**  Java 1.7, Java 1.6,Java 1.5, Spring 3.2, and 2.4 SOAP Web Services, Eclipse, Apache Tomcat Server, SVN, CVS, Git-Hub, UML, XML, XHTML, DHTML, JavaScript, JQuery, CSS, XSL, Oracle 10g, AS400 and Log4j, Maven 1.x and 2.x, Maven 3.x

**Employer: Egen Solutions**

**Project: 2**

**Adeptia Solutions, Chicago, IL August 2013-November 2013**

Project: Platform Integration Tool

Role: Java/J2EE Developer

**Description**: Adeptia offers multiple graphical, process based integration and data mapping tools like Enterprise Business Integration tools, Business Process Management tool, Application Integration tool and Adeptia ETL suits. The Project is to build a Business Process Management tool that will automate business process across supply chains. It allows customer to design, automate and improve workflows.

**Responsibilities:**

* Involve in analysis and design of Software Development Lifecycle
* Developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations
* Primarily focuses on developing web-forms using JSP and Servlets
* Used the Eclipse IDE for all coding in Java, and front end technologies
* Developing GUI framework using Java Applets
* Modular design using SOA based architecture
* Provide and consumed SOAP based webservices
* Used JUnit and Mockito framework for unit testing of application and Log4j to capture errors and providing logs
* Using Waterfall model for Software development and Planning
* Writing PL/SQL module to migrate and reconcile data from third parties into database
* Experience with Enterprise integration tool like ETL

**Environment:**  Java 1.6, Spring 2.5, AJAX, Web Services, Eclipse, Apache Tomcat Server, SVN, UML, XML, XHTML, DHTML, JavaScript, JQuery, Velocity, CSS, XSL, Oracle 10g and Oracle 11g, SQL, Log4j.

**Project: 1**

**Employer: Egen Solutions**

**Capital One, Wilmington, DE March 2013-August 2013**

Project: Home Loans

Role: Java/J2EE Developer

**Description:** Capital One offers Auto, House and other loans to its clients. The project was to develop an application, which is used to process applications for home loans and to provide solutions best fit for the client as per client details. It allows clients to file an online application for loans and can view summary of their application being approved or not. The application involves automated approval or rejection criteria to pre process the claims.

**Responsibilities:**

* Involved in analysis and design phases of Software Development Life Cycle (SDLC).
* Designed and developed application based on Spring MVC design pattern along with Spring Web Flow architecture.
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
* Primarily focused on the spring components such as Dispatcher Servlets, Controllers, Model and View Objects, View Resolver. Designed various types of controllers and models needed for services, utilities, helpers and other classes and packages including business logic handlers.
* Applied J2EE Design Patterns such as Factory, Singleton, and Business delegate, DAO, Front Controller Pattern and MVC.
* Worked with JavaScript and JQuery and Velocity template intensively to create interactive web pages.
* Consumed SOAP based Web Services.
* Auto-generated XML and XSD files were parsed using the SAX parser facilitating run-time performance efficient display.
* Extensively used the Eclipse IDE for all coding in Java, and front end technologies
* Versioning and maintenance using SVN
* Used JUnit framework for unit testing of application and Log4j to capture errors and providing logs.
* Used Agile based SCRUM methodology for developing the project.

**Environment:**  Java 1.6, Spring 2.5, AJAX, Web Services, Eclipse, Apache Tomcat Server, SVN, UML, XML, XHTML, DHTML, JavaScript, JQuery, Velocity, CSS, XSL, Oracle 10g and Oracle 11g, SQL, Log4j.

**Illinois Institute of Technology, Chicago, IL Jan 2012-Jan 2013**

Project: Website Development

Role: Java Developer/Frontend Developer

**Description:** Worked as Student Assistant to develop website for Illinois Institute of Technology (Bio-Medical Engineering) department and System Support Engineer.

**Responsibilities:**

* Analysis of requirements and user information
* Implemented modules using Spring MVC patterns
* Develop and optimize front-end UI functionality to ensure web applications are rendered consistently in cross-browser environment
* Wrote Spring beans extensively and also used spring annotations coupled with JTA Annotations for mapping of java beans and database tables
* Used Hibernate Framework and Spring DAO classes for the Database connectivity with Oracle 10g
* Integration with university database
* Extensively wrote SQL queries to perform DB operations
* Deploy the code on TomCat 5 (Linux)

**Environment:**  Java 1.5, spring 2.4, Eclipse, Apache Tomcat Server, SVN, UML, XML, JavaScript, JQuery, CSS, SQL, Log4j, Junit.

**Course Work:**

* Advanced Software Programming (J2EE), Software Programming (Java-Core), Web Application Development, Cloud Computing Technologies, Advance Database Management System, Linux System Administration

**Education:**

**Master of Science Jan2012-Dec 2013**

Information Technology and Management GPA: 3.70/4.0

Illinois Institute of Technology

Chicago, Illinois, USA

**Master in Business Administration** **2009-2011**

System and Finance GPA: 2.5/4.00

Symbiosis Institute of Telecom Management

Pune, MH, India

**Bachelor of Engineering 2004-2008**

Computer Science and Engineering GPA: 3.7/4.0

Lakshmi Narain College of Technology (RGPV)

Bhopal, Madhya Pradesh (MP), India