Sunny Kumar

Sr. Java/J2EE Developer - Google Inc

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WORK EXPERIENCE

Sr. Java/J2EE Developer

Google Inc   -   Mountain View, CA - September 2013 to Present

Description: Google is an American multinational corporation specializing in Internet-related services and products. These include online advertising technologies, search, cloud computing, and software. Most of its profits are derived from Ad-Words. Worked as a part of Biz-Apps (Corp Engineering) team to create project automation and inventory management solutions.

Responsibilities:
● Worked on the design and development of Google version of RPC Services to integrate Client side(Google Window Toolkit) and Oracle Database.
● Involved in creating FDD (Functional Design Document) and TDD (Technical Design Document).
● Responsible for creating Junit Test cases with Mockito Framework.
● Responsible for designing RPC service calls with Protocol Buffer encoding API's.
● Responsible for using Guice API's (Google version of Spring) for dependency injections.
● Used Piper and Perforce for version control.
● Responsible for writing SQLAdapters and SQL Data classes to communicate with Oracle store procedures.
● Worked on Borg server to schedule application deployment in DEV, UAT and PROD.
● Used Critique for code reviews.

Environment: Java 1.7, Protocol Buffer API's, Oracle 11g, Eclipse 4.3, Ubuntu 12.1, Unix, Google Drive, SQL Developer, Chrome, Guice API's(Dependency Injection,), App Maker.

Sr. Java/J2EE Developer

Sempra   -   San Diego, CA - January 2013 to September 2013

Description: Sempra Energy is an American natural gas utilities holding company based in San Diego, California. It Divide its interests into two boards, Southern California Gas Company and San Diego Gas And Electric; Worked in SDGE Application Service Team as a Sr. Software Developer for development of EPA Tracker Application for SEMPRA (San Diego Gas and Electricity , SCG (South California Gas, Los Angles)).

Responsibilities:
● Worked on the design and development of Restful-Web Services Client and external integration with EPA Portfolio Manager (Energy Star), internal integration with SQL-Server 2010 and DB2.
● Involved in creating Sequence Diagram's, Activity Diagram's and Component Diagram's Use Cases and System Documentation.
● Provided support to QA in creating Unit test data, System test data and Regression test data using Postman Rest Client and Mozilla REST-client.
● Responsible for consuming EPA Energy Star Portfolio Manager Restful API's to support our application.
● Used Jersey API's to consume Restful-Web Services, JSCH for secure SFTP file transfers and JDBC, 2Way SSL and Basic Authentication to develop the applications.
● Developed DAO layer for Main frame validations using DB2, Log transactions and records in SQL server 2010 and maintain Data Integrity during each Transaction in DAO Layer.

● Wrote Shell Scripts to execute java code on DEV/QA (Site/Stage) Server and used Control-M for executing batch jobs in Production Environment.
● Used Apache Tomcat 7.0 as a web server and Log4J for Logging purposes.
● Wrote parts of JSF 2.0 Application to create dashboard for Customer Support.
● Developed web pages for JSF application using JSP, HTML, CSS, JavaScript And JQuery.
● Used MKS Integrity Client 2009 for version control.
● Wrote Edge cases to ensure robustness.
● Worked in Waterfall methodology to develop application.

Environment: Java 1.6.38, JSCH, SQL Server 2010, Share Point, DB2 Connect, Eclipse, ANT, MKS Integrity Client 2009, Linux, JAXB-xjc, Jersey 1.7, Log4J, Control -M, Win-SCP, Putty, Microsoft Visio 2010, Chrome Postman-Rest Client, Mozilla REST-client.

Sr. Java/J2EE Developer
CISCO Systems   -   San Jose, CA - July 2012 to November 2012

Description: CISCO System Inc. is an American Multinational Corporation headquarters in San Jose, California, that designs, manufactures, and sells networking equipment. Worked in UABU (Unified Access Business Unit Team) on development of PM Dashboard and Software Quality Management Dashboard as a Sr. Java Developer.

Responsibilities:
● Experience in System Analysis and Design methodology as well as Object Oriented Design and Development using OOAD methodology to capture and model business requirements.
● Worked on the design and development of Program management dashboard and Software Quality Management Dashboards.
● Responsible for developing end to end applications.
● Developed a prototype of the application and demonstrated to business users to verify the application functionality.
● Responsible for developing Class Diagrams and Sequence diagrams for modules using Rational- Rose.
● Application developed with strict adherence to J2EE best practices.
● Used Spring Core, Spring MVC and Spring JDBC to develop the applications.
● Integrated Spring Web MVC with Spring JDBC for data accessing.
● Developed/Enhanced the UI presentation layer using JSP, HTML, CSS, JQuery and client Validations using JavaScript.
● Designed object model, data model, tables, constraints, enhanced necessary stored procedures, functions, Triggers and packages.
● Used Apache Tomcat 6.0.35 and Tomcat v.33 as eclipse plug-in to deploy the web application.
● Used AGILE/Scrum methodology to develop application.

Environment: Java 1.6, J2EE, JSP, Servlet, Spring 3.x, HTML, CSS, XML, JavaScript, , Hibernate, Web Services (SOAP), Oracle 10g/9i, JUnit, JDBC, PL/SQL, Eclipse, ANT, Clear-Case, Rational Rose, Solaris/ Windows2000.

Java/J2EE Developer
COX Communications   -   Los Angeles, CA - December 2010 to June 2012

Description: Cox Communication is a privately owned subsidiary of COX Enterprise providing digital cable television, telecommunications and wireless service in united-states. Worked in Customer Programs and Projects team for development of provisioning and Service order processing system for COX cable and Internet services.

Responsibilities:
- Experience in System Analysis and Design.
- Proficient in doing Object Oriented Design using UML-Rational Rose.
- Used AGILE/Scrum methodology to develop application.
- Review and guide the application architects with Object Oriented Design using Rational Unified Process (RUP).
- Implemented the web-based application following the MVC II architecture using Spring Framework.
- Developed User defined Custom JSP tags to separate presentation from application logic.
- Used JMS Queues.
- Responsible for creation and consumption of Web services using SOAP and WSDL.
- Designed, developed JSP, Servlet's and deployed them on Web logic Application Server.
- Used Hibernate for mapping the Object oriented model of Java with Oracle. Wrote SQL, Stored procedure and PL/SQL for back end. Developed HTML and JavaScript.
- Used ANT for compilation and building EAR files.
- Experience doing unit testing using Junit.

Environment: Java 1.5, J2EE, JSP, Servlet, Spring 3.x, HTML, CSS, XML, JavaScript, , Hibernate, Web Services (SOAP), WebLogic App Server, Oracle 10g/9i, JUnit, JDBC, PL/SQL, Eclipse, ANT, Rational Rose, Solaris/Windows2000.

Java/J2EE Developer
Union Bank   -   San Francisco, CA   -   November 2009 to November 2010

Description: Union Bank is formally known as Union Bank of California. Union Bank is a subsidiary of UnionBanCal Corporation. Worked in Customer Operation Team as a J2EE Developer on development of On-line Account management and Bill Pay system.

Responsibilities:
- Provide support to Architect in developing Use Case, Class diagrams and Sequence diagrams for the modules using UML and Rational Rose.
- Used agile software development methodology which helps to develop project plans.
- Used SCRUM in development of software life cycle.
- Used Spring Framework for dependency injection with the help of spring configuration files.
- Developed the presentation layer using JSP, HTML, CSS and client validations using JavaScript.
- Used AJAX and JQuery, HTML, CSS to create UI.
- Involved in Installation and configuration of Tomcat Server
- Involved in Dynamic form generation, Auto completion of forms and user validation functionalities using AJAX.
- Involved in writing DAO layer using Hibernate to access the Oracle database.
- Involved in the configuration management using CVS.
- Developed various test cases and performed unit testing using JUnit.
- Developed Unit test cases for the classes using JUnit/Eclipse.
- Developed stored procedures to extract data from Oracle database.
- Application developed with strict adherence to J2EE best practices.
- Developed Ant scripts to bundle and deploy application.
Environment: Java, J2EE, JSP, Servlets, Hibernate, SQL/PLSQL, Web Services, SOAP, WSDL, JUnit, Tomcat 5.5, Oracle 9i, CVS and Windows.

J2EE Programmer
Target Corporation   -   Chicago, IL   -   May 2008 to November 2009

Worked on development of Vendor management and procurement system for Target to manage On-line ordering of items and quality control.
Responsibilities:

● Worked on the development of procurement system for Target. This system monitors the sales & inventory in various Target locations and predicts requirements of the future and send out on-line POs to selected vendors to supply electronics items.

● Responsibilities:

● Help in developing Use Case, Class diagrams and Sequence diagrams for the modules using UML and Rational Rose.

● Used Spring Framework for dependency injection with the help of spring configuration files.

● Developed/Enhanced the UI presentation layer using JSP, HTML, CSS, JQuery and client validations using JavaScript.

● Deployed Session Beans and Entity beans on WebLogic Application server 8.x.

● Used Web services to extract sales related data from each store.

● Involved in writing DAO layer using Hibernate to access the Oracle database.

● Database logic developed in PL/SQL.

● Developed Business Logic using Servlets, Session beans.

● Database layer that interacts with above Java components designed as PL/SQL packages (objects) to encapsulate data and closely related stored procedures and functions (methods).

● Designed object model, data model, tables, constraints, necessary stored procedures, functions, triggers, and packages.

Environment: Java 2 SDK (JDK 1.3), Web Services, XML, HTML, Weblogic app Server 8.x, PL/SQL, Servlets, Pl/SQL, Oracle 8I and Unix scripts.

Programmer Analyst

Wipro Technologies   -   Bangalore, Karnataka   -   April 2007 to May 2008

Description: This project is for maintaining bill of material, periodical production plan, Daily production, Daily rejection, Shop floor inventory, Job work opening stock, Job work-indirect expenses, Machine maintenance.
Responsibilities:

● Responsible for designing and coding the user interfaces.

● Involved in writing code to access Database.

● Dynamic Form based interactive interface for Web pages accessing.

● Designed & developed all the Web Pages for "Employee Information", with the extensive usage of AWT and HTML.

● Developed Servlets to access the database oracle and MS Access

Environment: Java, HTML, Java Script, Jdk1.2, AWT, JDBC, Oracle.

ADDITIONAL INFORMATION

Skills:
Language: JAVA (1.4, 1.5, 1.6, 1.7), JSP, HTML, XML (SAX and DOM), XSLT, Java Foundation Classes/ Swing/AWT, JavaScript, Shell script.
Operating System: Linux, Solaris, AIX-UX, HP-UX, Windows 2000/NT
Web App Servers: BEA Web logic Server 8.1/7.3, Web Sphere App server 5.0/4.x, WASD,
Glassfish App Server, Tomcat
Middle Ware: EJB, Web Services (SOAP, WSDL, Restful)
Databases: Oracle, MySql, MS-SQL Server, MS Access.
J2EE Technologies: Java Servlet's, JSP, JDBC, RMI, JMS, JNDI, DAO, Spring 3.x, Hibernate, EJB
Scripting Languages: JavaScript, UNIX Shell Script.

IDE: Eclipse, WSAD, Net Beans.
Tools: Visual Age Java, Rational Rose and MKS Integrity Client 2009, JUnit,
MS Visio, Enterprise Architect 9 (Sparks), MS Project, MS Office
Jakarta ANT, Visio 2000, Log4j, Hudson