**SANDEEP B**

**Sr. Java Developer**

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PROFESSIONAL SUMMARY:

* Around 8 years of IT industry experience incorporating an extensive variety of ability set, roles and industry verticals.
* Involved in all periods of programming life cycle including Requirements Gathering, Designing, Development, Testing and Debugging of **Java/J2EE** Application.
* Expert in Core Java with strong understanding of **SWING**, **Struts, Collections, Multithreading, Event handling and Exception handling.**
* Good experience with **IBM Websphere, WebLogic, JBoss, and Tomcat Application and Web Servers.**
* Worked with Jersey, CXF API to implement RESTful web services, strong knowledge on JAX-RS annotations
* Experience in designing and prototyping user interfaces for intranet, web applications using various scripting languages such as HTML5, CSS3, XML, XSL, JavaScript, JQuery and JQuery Mobile, JSON and AJAX..
* Experience on AWS cloud services like EC2, S3, RDS, ELB, EBS, VPC, Route53, Auto scaling groups, Cloud watch, Cloud Front, IAM for installing configuring and troubleshooting on various Amazon images for server migration from physical into cloud.
* Handled operations and maintenance support for AWS cloud resources which includes launching, maintaining and troubleshooting EC2 instances, S3 buckets, Virtual Private Clouds (VPC), Elastic Load Balancers (ELB), Lambda and Relational Database Services (RDS).
* Good understanding of AWS Elastic Block Storage (EBS), various volume types and utilization of different types of EBS volumes based on requirement.
* Experienced with software build automation tools like Ant, Maven, Ansible for the software project management.
* Experience on AWS cloud services like EC2, S3, RDS, ELB, EBS, VPC, Route53, Auto scaling groups, Cloud watch, Cloud Front, IAM for installing configuring and troubleshooting on various Amazon images for server migration from physical into cloud.
* Expertise in Spring framework, including Spring IoC/core, Spring DAO support, Spring ORM, Spring AOP, Spring Security, Spring MVC, Spring Cache, and Spring Integration.
* Worked on ESB technology and configuring routing rules using Apache camel and spring DSL.
* Expertise in SQL and PL/SQL programming and strong Knowledge on oracle architecture and database design.
* Experience in parsing and generating XML, JSON documents.
* Created standards compliant HTML, CSS and JavaScript pages as needed.
* Administered complex SOA based WebSphere Process Server and WebSphere Application Server applications in various Environments.
* Installed plug-in for IBM HTTP Web Server, coordinated with Database Admin Team to create databases for storing the WebSphere application repository.
* Good knowledge of Apache Subversion (SVN) and Jenkins/Hudson Continuous Integration Server - Installation, Configuration, Design and Administration, plus experience of extending and integrating these tools with other systems, platforms and processes using Java, Shell Scripting.
* Experience in automating, configuring and deploying instances on AWS.
* Used Node JS for heavy DOM manipulation.
* Good experience in using configuration management tools like Puppet/ Chef/AWS.
* Good knowledge on **SOAP** based web services Frameworks and SOA using Oracle BPM.
* Good understanding of Java/J2EE Design Patterns and n-tier architecture.
* Performed configuration, deployment and support of cloud services including Amazon Web Services
* Developed user interface using JSP, JSP Tag libraries, Java Script and Node JS.
* Implemented Presentation layer using CSS Framework, BackboneJS, AngularJS, HTML5.
* Hands on experience in creating new project streams, creating baselines, merging streams using CVS.
* Experience in using **ANT**, **Maven and Jenkins** for build automation and loggers using Log4j.
* Experience in Version Control tools such as GIT, SVN.
* Good knowledge in Object Oriented Concepts and Design and UML.
* Strong expertise in core Java, **Algorithms**, data structures, problem solving.
* Proficient in analyzing and translating business requirements to technical requirements and architecture.
* Involved in setting up Authentication and Authorization of the Application Using LDAP and SAML.
* Strong Java/ J2EE skills, Object Oriented Programming design and development knowledge.
* Automated builds of jar files and, development documentation and training, data import, export and conversions.
* Experience in writing SQL complex queries in DML, DDL, and DCL commands.
* Good knowledge of Selenium WebDriver automation concepts.
* Expertise with development tools such as Eclipse and NetBeans.
* Capable of quickly learning and delivering solutions as an individual and as part of a team.
* Dedicated team player, ability to work independently and in a team, as well as ability to adapt to a rapidly changing environment, commitment towards learning.
* Expertise in broad range of technologies, including business process tools such as MS Excel, MS Access, MS PowerPoint, MS Share point, MS Visio and Rational Suite.
* Worked extensively with MS Word, Excel, PowerPoint and Outlook.
* Experience in problem solving and skilled at analyzing/eliciting business needs and transforming them into technical designs, applying technical skills and business knowledge to achieve sound results.
* Ability to work in challenging and versatile environments and Self-motivated, excellent written/verbal communication, Organizational skills combined with attention to detail and time management skills.
* Excellent analytical and proven problem solving skills.

PROFESSIONAL QUALIFICATION:

* Bachelors in Information Technology JNTU – India(2009)

CERTIFICATIONS:

* AWS certified solutions architect Associate (2017)

TECHNICAL SKILLS:

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| **Programming languages and Scripts** | Java, J2EE, Java Script, HTML, Angular JS,DHTML, CSS, JSTL, Perl, XML, PL/SQL,Postgres |
| **Cloud Technologies** | AWS, EC2 Instance, S3 Bucket, Security Groups, Auto Scaling, AMI, RDS, Route 53, Cloud Front, Cloud Watch, IAM Cloud Formation, SNS, EDS, ANSIBLE, CLOUD, FOUNDATION, AWS CONFIG, Virtual Private Clouds (VPC), Lambda, ECS, Elastic Load Balancers (ELB), Relational Database Services (RDS). |
| **Database** | Oracle 8i/9i/11g, DB2, SQL Server, MS Access, MySQL, JDBC. |
| **IDE Tools** | Eclipse, JDeveloper, JBuilder,RAD, WSAD and Net Beans |
| **J2EE Common Services APIs** | Java Servlet, SWING, JSP, EJB2.0/3.0, JDBC, JPA, Hibernate, Axis, web services, JMS, JNDI, JAXP, JTA, JNDI, JFS 1.1, JAXB, AJAX, JSON |
| **Application Servers** | BEA WebLogic, IBM Web sphere 4.0 and 5.X, JBOSS |
| **Frameworks / APIs / Tools** | Springs, Struts 1.1/1.2/Tiles, JSF, Log4j, Ant, WEB-SERVICES (SOAP, WSDL, UDDI, Axis2, CXF) |
| **XML** | XSL, DOM, XML Schema, SAX, XSLT and Designing DTDs. |
| **Modeling Tools / Languages** | UML on Rational Rose 4.0. |
| **Web Services** | SOAP, REST, WSDL, UDDI |
| **Version and Source Control** | CVS, WinCVS, Clear Case, SVN,Git |
| **ORM** | Hibernate 3.1, JPA, TopLink |
| **Operating Systems** | Windows 95/98/NT/XP/Vista/7, UNIX, LINUX, Solaris |

WORK EXPERIENCE:

**Client: Capital One, Richmond – VA June 2017– Present**

**Role: Java DevOps Engineer**

**Responsibilities:**

* Extensively worked on migrating services from On-Prem to AWS Cloud on TS2 Pilot, Wave1 and Wave 2 services.
* Strong knowledge on AWS resources EC2, Lambda, Route 53, IAM, VPC, Security Groups, Cloud Formation templets, Load balancer, ECS, JSON and S3 etc.
* Built clusters and deployed services using ACE and Bogie tools and also helped them fixing bugs and introducing new features.
* Worked on migrating PCI and non-PCI services to cloud.
* Developed SNS-proxy-Lambda tool written in python which runs in Lambda function to send SNS message from CDE account to Non-CDE account using cross account access.
* Developed tools to automate manual tasks using shell scripting, python and integrated them in CI/CD pipeline through Jenkins.
* Created Jobs for Builds and Deployments, installed plugins in Jenkins to support multiple tools required for the implementation of projects.
* Worked with Splunk and Cloudwatch as monitoring tools and good understanding on Zabbix and Kibana.
* Created Ansible playbooks to automatically install packages from a repository, to change the configuration of remotely configured machines and to deploy new builds, and Configured the Ansible playbooks with Ansible Tower.
* Experience on ECS clusters Capacity planning and selecting suitable instance types.
* Worked in all stages in migration, pulling legacy service from SVN to deploying service to cloud and updating gateway endpoints.
* Expertise in fixing bugs in Jenkins pipeline cluster creations and service deployment builds.
* Worked on legacy services to migrate from Nexus to Artifactory.
* Configured Route 53 weighted, Geolocation and Failover policy records.
* Experience in building Docker images and deploying them in ECS cluster.
* Worked along with test team to prepare test cases for smoke testing, functional testing, regression testing and integration testing.
* Experienced in Web Services testing using SOAPUI tool. Validated request and response XML, SOAP and RESTFUL Web service calls.
* Worked in Agile model and JIRA Sprints.

**Environment:** Java, J2EE, AWS, AWS IAM, AWS S3, ECS, ALB, Route 53, Auto Cruise Express, Bogie pipeline, CI/CD, Jenkins, Docker, Lambda, Python, Shell Scripting, JMeter, Ansible, Servlets, JUNIT, MQ-Series, Eclipse, Maven, Web logic, Apache Tomcat server, SOAP, WSDL, JAXB, Oracle, Splunk, Cloudwatch, Zabbix, Kibana, Hercules tool.

Client: Orange Lake Resort, Orlando - FL March 2016–May 2017

Role: Sr. Java/J2EE Developer

Responsibilities:

* Actively involved in analysis, detail design, development, bug fixing and enhancement in Agile methodology. Involved in daily scrum and sprint planning meetings.
* Used Hibernate for Object Relational mapping.
* Developed server-side services using Java multithreading, Java, Springs, Web Services (SOAP, AXIS).
* Developed the persistence layer (DAO) and the presentation layer (controllers)
* Used Spring framework including Spring core/IoC, Spring Web, Spring Security.
* Implement the authentication, authorization, and access-control features by using Spring Security.
* Communicated with the developed Web Services using REST Client and JSON.
* Used HTML5, CSS3, JavaScript, JSP, AngularJS, AJAX, and Bootstrap in front end. Implemented design patterns like Front Controller, MVC, Business Delegate, Data Transfer Objects and Data Access Objects.
* Worked with Ansible (automation tool) to automate the process of deploying/testing the new build in each environment, setting up a new node and configuring machines/servers.
* In AngularJS, used $http service for AJAX call to communicate with the server side and used $q service for promise object.
* Designed and developed new features for application using HTML, JSTL, JavaScript and XSL.
* Used PL/SQL to write Stored Procedures, Functions and Triggers.
* Used Software development best practices from MVC, Spring, databases.
* Setting up databases in AWS using S3 bucket and configuring instance backups to S3 bucket.
* Developed Maven and ANT Scripts to do compilation, packaging and deployment in Web Sphere app server.
* Application backend implemented as node.js express application server.
* Created design documents like Use Cases, Sequence diagrams, Activity diagrams, Class diagrams etc. to demonstrate the work flow.
* Involved in developing the Single Sign On module (SSO) features integrating with the Active Directory LDAP server and also implemented SAML for SSO login.
* Used JavaScript and Struts validation framework for performing front end validations.
* Provided extensive pre-delivery support using bug fixing and code reviews.
* Created AngularJS controllers, directives, models for different modules in the front end.
* Developed various helper classes using core Java multi-threaded programming and collection classes.
* Developed the web application using Eclipse IDE.
* Used Log4j for logging.
* Used Tomcat 8.0 as the application server.
* Used struts navigation library to dynamically assemble presentation pages from reusable components.

Environment: Java, J2EE, AWS, AWS IAM, AWS S3, Spring, Struts, Hibernate, JMS, Servlets, JSP, JS Tag Libraries, Java Script, JQuery, CSS, HTML, JDBC, JNDI, JAVASCRIPT,Spring Security, Ansible JUNIT, MQ-Series, XML, XSLT, Eclipse, ANT, Web Sphere 8.x,SAML, Apache Tomcat server, Windows Azure Cloud, SOAP, WSDL, JAXB, Oracle, Design patterns, Ajax, UDDI, WSDL

Client: WellCare, Tampa - FL Date: May 2015 – March 2016

Role: Sr.Java/J2EE Developer

**Responsibilities:**

* Responsible for Requirements gathering, Conceptual Design, Analysis, Detail Design, Development, System Testing, User Acceptance Testing, Data Validation, Version Controlling and deployment.
* Design and developed web application using **JSF, Spring** Web Flow, **Spring** and **AJAX** technology.
* Design and developed front end UI using JSF, Apache MyFaces and RichFaces components.
* Reverse Engineered using **Hibernate** plug-in for RAD to generate Hibernate configuration, **POJO** classes and **DAO** classes and wrote finder methods using Hibernate Query Language (HQL) for dynamic searches.
* Configured Ansible for one of many abstraction layers for grouping a set of tasks (plus default data, templates, handlers, files)
* Tested Web Services REST API using Python.
* Administration and deployment of Message flows on Web Sphere Message Broker.
* Wrote JavaScript's for validating the client side user information based on their business rules.
* Developed cross-browser compatible website using HTML5, CSS3, MySQL and jQuery.
* Developed Custom tag libraries for providing multi-lingual functionality.
* MongoDB geolocation API leveraged for user proximity lookups.
* Plan, deploy, monitor, and maintain Amazon AWScloud infrastructure consisting of multiple EC2 nodes and VMWare Vm's as required in the environment.
* Worked with **HTML**, **DHTML, CSS, JAVASCRIPT**, **JSON** in UI pages.
* Managed security and handled performance optimization for EJB containers and web applications in IBM WebSphere, HTTP Server
* Configured database performance tools such as Oracle Enterprise Manager, SQL Navigator and used them for tuning of applications.
* Developed Mail Merge framework to create bulk mails by merging data with MS Word templates using MS Office **Java API.**
* Extensively Ajaxified the application using Angular JS for parts and extension of the application building faster and better user experience.
* Designed and Developed Business Process layer components and integrated with Spring framework.
* Have used DOJO toolkit to construct Ajax requests and build dynamic web pages using JSP's, DHTML and java scripts.
* Managed servers on the Amazon Web Services(AWS) platform instances using Puppet, Chef Configuration management.
* Implemented OAuth provider and accompanying login view to allow distributors to login to the Mobile Back Office Ionic application.
* GUI design and development using **Java Swing.**
* Created agile related artifacts diagrams, workflows, use cases, sequence diagrams and process flows.
* Structured JS code using AngularJS including objects, module patterns and functions that encapsulate business logic, handle form validation, DOM manipulation.
* Implement OAuth 2, SAML 2 for AAA & Single Sign On (SSO) using Spring Security
* Created and maintained mapping files and transaction control in **Hibernate.**
* Configured web.xml, faces-config.xml for navigations and managed beans. **Integrated JSF, Spring and Hibernate Frameworks.**
* Designed and developed Web Services to provide services to the various clients using **SOAP and WSDL.**
* Expertise in client side designing and validations using HTML, DOJO, GWT, CSS, JavaScript, JSP and Struts Tag Library.
* Developed responsive applications using Bootstrap.js, Require.js and Node.Js, D3.Js which allowed the same application to be optimized for both mobile and desktop resolutions.
* Actively involved in using Angular JS, Bootstrap and HTML5 to enable client side date to meets specific criteria by applying various validation variable
* Created and managed all hosted or local repositories through GIT.
* Extensive experience using backbone.js and EXT JS for creating rich user interface.
* Wrote **Junit** classes for the services and prepared documentation.
* Integrated various modules and deployed them in WebSphere Application Server.
* Responsible for debugging, testing, maintaining and deploying the application.

**Environment:** Java1.5, J2EE, JSP, JSTL, JDBC, JSF, Spring Framework, Hibernate, XML, JavaScript, Web services, SOAP, SAML2, WSDL, OAUTH, Servlets, JAX-RS, DB2, HTML, Ansible, Node JS, DHTML, XHTML, CVS, JUnit, Selenium, XSL, Dojo, XSLT, RAD, Git, LDAP, Jakarta Commons Libraries, WebSphere Application Server.

Client: Home Site Insurance, Boston - MA Jan 2013 – April 2015

Role: Java Developer

Responsibilities:

* Provided technical guidance to business analysts, gather the requirements and convert them into technical specifications/artifacts.
* Designed and developed Customer registration and login screens using **HTML, JSF, Servlets and JavaScript.**
* Developed web pages to display the account transactions and details pertaining to that account using DHTML, JSF and CSS.
* Extensively used PLSQL tables and Bulk loader programs for processing data and loading into oracle tables.
* Wrote JavaScript validations to validate the fields of the user registration screen and login screen.
* Responsible for testing Apple Maps data REST API's
* Designed and developed JSF components, implemented event handling using Java, JSF, **AJAX,** and JavaScript for various modules.
* Developed various Database interaction objects by implementing the DAO Patterns and used JDBC as Model Component.
* Used **log4j** for logging mechanism.
* Configured **JDBC and LDAP** Security in the application server.
* Developed **LDAP** server configuration files to enable encryption support for password storage.
* Implemented **JSF** Converters to handle formatting and Localization and configured the faces-config.xml to create a web application navigation rule.
* Developed UI with **AJAX, DHTML and JavaScript** for more interactive web pages.
* Used log4j for tracking errors and debugging the code.
* Wrote build & deployment scripts using **ANT, Maven, shell scripts and JACL** on Unix env.
* Implemented Spring **MVC** architecture.
* Deployed flow of Execution in the Servlet Environment using **JSF** and defined Navigation Rules.
* Developed Messaging frame work for Asynchronous service using **JMS.**
* Involved in unit testing and system testing and responsible for preparing test scripts for the system testing.

**Environment:** Java 1.5, J2EE, Servlets, JSF, JMS, Hibernate 3.0, Spring, Web Services, JDBC, RAD 7, SVS, UML, HTML, Java Script, CSS, XML, WebSphere 6.1, Log4j, Oracle 10g, PL/ SQL, JUnit, JNDI.

Client: Virtusa, Hyderabad – India Feb 2011 – Dec 2012

Role: Java Developer

Responsibilities:

* Participating in the High-level and low-level system design, planning, estimation and implementation.
* Involved in data gathering during the business analysis and planning phase of the project.
* Used UML to design various data models including data flow diagrams, workflow diagrams, sequence diagrams and interaction diagrams.
* Designed front end pages using **HTML, JSON, JavaScript and AJAX** calls to get the required data.
* Designing of tables in Oracle database required for System user administration, Data Management.
* Implemented the Web Service and associated business modules integration.
* Worked on generating the web services classes by using Service Oriented Architecture **SOA, WSDL, UDDI and SOAP**.
* Developed client slide components utilizing **Java Swing framework**.
* Maintained development methodology coding and design standards.
* Effective usage of **J2EE** Design Patterns namely Session Facade, Factory Method, Command and Singleton to develop various base framework components in the application.
* Developed and deployed **EJB’**s to implement the business logic and to handle the various interactions with the database.
* Used **Log4j** for the logging the output to the files.
* Developed client slide components utilizing **Java Swing** framework.
* Used Eclipse as IDE for development, build, deployment and testing the application.
* Created PL/SQL packages, Stored Procedures, Functions, Triggers and Views to retrieve, manipulate and migrate complex data sets in Oracle Databases.
* Used **JUnit** for testing the application.
* Followed Agile Methodology and participated in daily SCRUM meetings.

**Environment:** CoreJava, J2EE, JDBC, JSPHTML, JSON, JavaScript and AJAX, Struts**, Maven,** Hibernate, **Java Swing**, Oracle 9i,**Log4**j.

Client: Radiant Info System - Bangalore, Karnataka July 2010 – Feb 2011

Role: Java Developer

Description:This project deals with the Taking leaves, Send it to the Approval of the higher authority. Higher authority can accept the leave or he can reject it. The leave applicant can also cancel the leave depending on various criteria such as availability of sufficient members of the same designation on that date, etc.

Responsibilities:

* Requirement Study and Analysis
* Developed Use Cases, Class Diagrams, Activity Diagrams and Sequence Diagrams.
* Developed Java Server Pages (JSP) for the front end and Servlets for handling Http requests.
* Deployment on the Tomcat Server.
* Specifying the data flow using XML and DTD.
* Implemented database using SQL Server.
* Developed GUI using JSP, HTML and DHTML.
* Designed tables and indexes
* Developed web forms using **HTML**for the application.
* Developed data insertion forms and validated them using **JavaScript**.
* Created Stored Procedures, Functions and Triggers using PL/SQL.
* Testing the application and troubleshoot and fixed bugs.

**Environment:** JSP/Servlets, HTML, JDBC, Java Beans MS-Access, Java