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**Venkatesh G**

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**JAVA Developer**

Summary

* Around 7 years of strong software experience in Java/J2EE based application development and experience and Support of web/enterprise applications.
* Experienced in Design and Development of multi-tier enterprise applications using Java, J2EE, Spring, Servlets, JSP, JSF, Hibernate, JDBC, Java Beans and Web services.
* Knowledge on Amazon Web services and various services such as DMS, S3 buckets, EC2 instance, RDS instances, lambda functions.
* Experienced in using software development methodologies (Agile, Scrum), Continuous integration and Test-Driven Development.
* Experienced with development IDEs such as Eclipse, IntelliJ and Spring tool suite, Visual studio code.
* Experience with standard internet protocols such as HTTP, SMTP, HTTPS, FTP.
* Experience in Agile development methodologies and Version Control tools like SVN and GIT.
* Proficient in implementing Object Oriented Programming (OOPS) using JAVA/J2EE technologies like Core Java (OOPS, Collections, Threads), JSP, JDBC, Spring, Hibernate, Restful web services.
* Experienced in using web/application servers such as Apache Tomcat, IBM WebSphere, IBM WebLogic.
* Experience with XML and related standards and technologies like SOA, Web Services and API integration experience, SOAP, WSDL, XML, JAXB, JAX-WS.
* Extensive experience in developing scalable, reliable and efficient enterprise applications using Java, Spring, Hibernate, Web services, JSF, JDBC, JSP, Servlets.
* Proficient in Core Java with strong understanding of data structures, algorithms, Collections, Concurrency, Multithreading, Event handling and performance tuning. Expert implementing multithreading in python.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Experienced in integrating enterprise applications using JMS, SOAP and RESTful Web services
* Set up Jenkins server and build jobs to provide continuous automated builds based on polling the Git source control system.
* Experience in developing web applications using Spring MVC frame work and Object-Relational Mapping (ORM) technologies such as JPA, Hibernate and Eclipse.
* Proficient in implementation of frameworks like spring, JSF, AJAX frameworks and ORM frameworks like Hibernate.
* Experience in writing Queries, Stored Procedures, Triggers, Cursors, Functions and Packages using TOAD.
* Excellent experience with major relational databases Oracle 11g/10g, SQL Server 2005/2008, DB2, and MySQL.
* Experience with JavaScript and JavaScript frame works JQuery, JQuery UI, AngularJS.
* Experience in developing small scale python based lambda applications.
* Provided 24x7 on call support in production environment on rotation basis.

Technical Skills

Programming Languages : C, JAVA, Java8, Core Java, J2EE, SQL, PL/SQL, Python

Operating Systems : LINUX, Windows 98/2000/NT/XP/VISTA.

Middleware :

OSB 10g, J2EE, JBoss4.2.3/4.3.0.

Web Technologies : JDK 1.4/1.5/1.6 HTML, XML.

Scripting Languages : UNIX Shell Scripting, Perl Scripting.

Packages : JSDK 2.0, J2EE, Python.

Monitoring and Testing Tools: Nosetests, Mockito, Bamboo, Sonar, OEM 11g.

IDE’s/Utilities : Eclipse, Putty.

Database : Oracle 10g/11g, MS SQL Server, DB2.

Tools: Bitbucket, JIRA, Confluence, Bamboo, SQL Developer

Process & Concepts : Agile, SCRUM, SDLC, Object-Oriented Analysis and Design, Test driven Development, Continuous Integration, bamboo builds.

Containerization tools : Docker, Kubernetes

Professional Experience

**Verizon, Irving, TX July 2018 to Present**

**Java Developer**

* Worked on Verizon data services platform by analyzing business requirements, technical designing, implementation and documentation using Agile Methodologies.
* Involved in developing applications with REST web services and experienced with securing the rest web services.
* Migrated core applications from tomcat 7 to tomcat 8.524 under cargo container and debugged issues and fixed them in a very less time.
* Developed lambda applications in both Java and python.
* Created multi-threading applications in both java and python using concurrent futures library.
* Worked on creating AWS resources, Lambda, RDS through cloud formation templates.
* Performed Continuous Delivery in a microservice infrastructure with Amazon cloud, Docker and Kubernetes and Amazon ECS.
* Worked on JUnit tests for the API using Mockito
* Created and Consumed Restful Web Services using Spring boot.
* New library development with micro services architecture using Rest APIs, spring boot.
* Enhancement of the existing functionality to persist the messages to Cassandra DB in Kafka.
* Implemented SOA architecture with web services using SoapUI, WSDL and RESTful.
* Designed GUI using JQuery, CSS to improve visual effect on the dynamic front-end.
* Used Bamboo to build and deploy the code in Dev and SIT environments.
* Developed Web Services clients to consume those Web Services as well other enterprise wide Web Services.
* Used AWS DMS to work on data migration from S3 to RDS Postgres.
* Using UML, Java/J2EE, Web technologies that include JSP, Servlets, Struts, JMS, JDBC, HTML, XML, Java Script and Hibernate.
* Worked on Apache spark process to start the batch work on s3 files.
* Strong experience in working with Core Java concepts like OOPS, Multi-threading, Exception handling, Generics, Collections, Networking etc.
* Implemented the web layer using Spring, JQuery
* Exposed the Web Services to the client applications by sharing the WSDL’s.
* Method references are used provided in Java8 to make use of methods already named.
* Used core java for multithreading and exception handling
* Worked on Junit testing using Mockito framework.
* Unit tested all the classes using JUNIT at various class level and methods level.
* Used Core Java Collections, Exception Handling, multithreading and generics.
* Involved in development of service layer and DAO layer using Spring framework and Hibernate
* Being a part of production team provided 24x7 supports for all the environments.

**Environments:**JAVA8, J2EEApplication server, Spring, Hibernate, WebServices, HTML, CSS, SQL Server, AngularJS, AWS, Docker, Oracle 11g, Apache Tomcat 8.524, VMware.

**Purch, Waltham, MA Feb 2016 to June 2018**

**Java Developer**

**Responsibilities:**

* Worked on Order Status Inquiry (OSI) application and the main role of that project is to receive, process, and track order status and invoice status from each manufacturer.
* Designed front end with JavaScript, jQuery.
* Implemented Spring MVC, dependency Injection and AOP Aspect oriented programming.
* Developed MVC design pattern-based User Interface using JSP, XML, HTML, CSS and Struts.
* Created dynamic pages using HTML5, CSS3, JQuery and JavaScript for client-side validation.
* Wrote application front end with HTML, JSP, and Ajax/JQuery. Wrote custom JSP tags for role-based sorting and filtering.
* Developed server-side services using Java multithreading, spring, Web Services (SOAP, AXIS).
* Migrating existing application into micro services architecture using Rest APIs, spring boot and AWS.
* Involved in the design and development phases of Scrum Agile Software Development.
* Responsible for creating the detailed design and technical documents based on the business requirements.
* Used Dependency Injection feature of spring framework and Involved in writing the database integration code using Hibernate, leveraged the AOP features of spring framework to handle exceptions.
* Developed services that are reusable and interoperable, based on SOAP, WSDL, Webservices.
* Worked with design pattern like MVC and used Spring framework, XML, Servlets, HTML, CSS and Java for web application
* Well versed with core Java concepts like Collections, Serialization and Servlets, JSP.
* Proficient in deployment and troubleshooting of JAR, WAR and EAR files in domain and clustered environments of WebSphere Application server.
* Implemented some of the exception handling mechanisms using core java.
* Installed, configured and managed apache webserver.
* Strong knowledge and working experience on Optimization and performance tuning techniques.
* Configured and created JMS queues & topics, Connection Factories, Data sources, bridges & connections pools & multi connection pool.

**Environment:** Java8, JDK1.5, J2EE, Core Java, Python, Spring, Hibernate, HTML, CSS, JavaScript, AngularJS, Bamboo, WebSphere App Server, VMware, Tomcat, WebSphere portal, XML, JIRA, Oracle10g, Oracle 11g, Ant1.5.1, Linux, FTP.

**ZoHo, Chennai, TN**

**Client: Microsoft May 2013 to Dec 2015**

**Java Developer.**

* Responsible for the implementation of application system with Core Java and spring framework.
* Created and injected spring services, spring controllers and DAOs to achieve dependency injection.
* Designed and Implemented REST web Services for the application
* Automated and scheduled backups on all UNIX Machines using shell scripts.
* Performance tuning was done with respect to system, connection pools Execute threads and JVM heap size.
* Installed, configured and integrated Web servers (plug-in file), SiteMinder agents and LDAP user directory with WAS.
* Installation and configuration of BPM v7.5
* Configured and Enabled the Global Security System for WAS Administration for Console users and Console Groups using Active Directory Server as a LDAP User Registry.
* Develop domain monitoring java class using JMX to collect JDBC, JVM, and Execute Queue statistics for Managed Servers.
* Document and establish standard processes to ensure repeatability for J2EE administrators.
* Provided Migration configuration for transactions, security, services, JMS servers and services while transitioning from development to production environment.
* Installed Oracle 8i/9i/10g client software on the application server and configuring the connectivity using JDBC drivers for the database.
* Deployment and Troubleshooting of JAR, WAR and EAR applications in clustered environment with WebSphere.
* Created Tomcat instances and modified each and removed shared component.
* Installed APR, OpenSSL, Tomcat-native, Oracle JDK, Oracle JRE, Tomcat connector Mod\_jk, APR Utility.
* Installed and Configured LDAP server.
* Implemented Load balancing of web applications by configuring WebSphere proxy plug-in.
* Performance tuning by managing and monitoring the JVM performance by WebSphere Heap size, garbage collection, execute threads, EJB Cache size, JDBC pools and multi pools.
* Performed extensive trouble shooting experience including stack trace analysis and JVM tuning experience by changing to heap sizes according to the requirement.
* Wrote scripts (start, stop & ping) for web application server administration.
* Configured SSL Certificates for WebSphere and Apache servers.
* Monitored free space, disk usage, locating files, checking & clearing log files, administration & monitoring of file systems, network & virtual memory statistics.

**Environment:** Java, J2EE, HTML, CSS, JavaScript, jQuery, WebSphere Server 8.x, Jenkins, WSRR, IIB, SUN Solaris 8.0/10.0, Linux, Oracle 10g, JDK 1.4/1.5,1.6, Servlets, EJB 2.0, Apache.

**Education**

**New England College, NH -** *Masters in CIS* |2018| Final GPA: 3.7 out of 4.0