**Nishanth**

**Sr. Java Full Stack Developer**

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**Professional Summary:**

* Around 8+ years of professional experience in developing web applications using J2EE technologies like Java, RESTful services, Servlets, JSP, JDBC, Java Script, spring, Spring Batch, Hibernate, XML, JSON, UNIX shell scripting, Web services.
* Expertise on advanced software development methodologies such as Agile/Scrum model processes.
* Implemented and configured Datadog monitoring solutions for real-time visibility into system performance.
* Experience in Software Development Life Cycle (SDLC), Requirements Specification, designing documents and writing.
* Experience in Use Cases, Sequence Diagrams and Class Diagrams using UML, J2EE Design Patterns.
* Developed custom alerts and notifications to proactively address potential issues.
* Expertise in back - end procedure development, for Database Applications using Oracle 9i & 10g, SQL and PL/SQL
* Hands-on experience with Integrated Development Environments (IDE's) tools like Eclipse and Net beans.
* Experienced in other front-end technologies such as LESS, Typescript, bootstrap, AngularJS, Ajax, JSON, NodeJS etc.
* Expertise in J2EE Architecture using Java, JDBC, Java Beans, EJB, Servlets, JSP, JMS, Struts, ANT, Log4J, UML, XML, CSS, HTML, and JavaScript.
* Expertise in Spring framework extensively used Spring Boot, DI, Spring AOP, Spring JDBC templates and Spring MVC.
* Worked on user-friendly and fully functional applications for Android and HTML5.
* Experience in architecture design, development and implementation of software applications and testing.
* Expertise in troubleshooting and debugging applications.
* Experience in developing web interfaces using HTML5, CSS3, JavaScript, AngularJS, Angular 2/4/7, DOM scripting and JQuery.
* Experience in configuring, deployment, and support of cloud services including migrating existing databases from on premise to AWS Redshift using various AWS services.
* Expertise in server-side development with JDBC, JMS, Servlets, MVC architecture, Java Beans, XML.
* Proficient in XML technologies like XSL, XSLT, SAX, DOM, XPath, WSDL, DTD, XSD, SOA, JAXB, Apache axis.
* Experience working with SOAP and Restful Web Service.
* Extensive experience using MAVEN to build the projects.
* Utilized Datadog to monitor and analyze infrastructure health, including servers, containers, and cloud environments.
* Comprehensive knowledge of physical and logical data modeling, performance tuning and monitoring.
* Configured integrations with various platforms for comprehensive infrastructure visibility.
* Strong web development skills using HTML/HTML5, CSS/CSS3, JavaScript (ES5 & ES6), JQuery, Bootstrap, Angular 2/4/7, React JS, Node JS, Require JS, XML, AJAX, JSON which meets W3C Web Standards.
* Experience working with Agile SCRUM methodology and working in pair.
* Experience in client-side development with CSS, JavaScript.
* Extensive experience in developing GUIs using Struts, SPRING MVC, SPRING web flow Frameworks.
* Experience Hands on with PL-SQL Stored Procedures, Triggers and Views.
* Experience on Web Services, SOAP, JAX-RPC, WSDL, JSF, HIBERNATE, EJB, XML.
* Experienced with IBM WebSphere Application Server, Oracle Weblogic application servers, JBOSS, WebSphere and Apache Tomcat Application Server.
* Hands on experience in handling message services using Apache Kafka.
* Implemented Datadog APM to trace and analyze application performance.
* Hands-on experience in using message brokers such as ActiveMQ and RabbitMQ.
* Have good experience in using Version Controlling tools (CVS, VSS, CM SYNERGY, Subversion, Clear Case, Bamboo and Jenkins) and defect tracking tools like Clear Quest, Quality Center.
* Proficient in SQL, PL/SQL, T-SQL, Views, Functions, Stored Procedures and Triggers.
* Worked in TDD and version management tools GitHub, SVN.
* Identified and resolved performance bottlenecks through APM insights.
* Experience in LDAP for authentication scheme and in middleware technologies.
* Experience in working as a developer, a team lead, and an onsite coordinator
* Experience in interacting with the client directly at Rclient location
* Possessing good interpersonal skills which were applied in coordinating with development team, QA team and support team as required.
* Have the motivation to take independent responsibility as well as ability to contribute and be a productive team member.

**Technical Skills:**

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| Languages | Java (JDK 1.8, 1.7, Java SE 6, 7, 8, J2ME, J2EE (JSP, Servlets, JMS, JPA, EJB3), Java Beans, JDBC and JavaScript), C and C++. |
| Java/J2EE Technologies | Struts, Servlets, JDBC, EJB, JSP, Servlets, JMS, Java Security, JSTL, Java Mail and Web Services, J2EE, JSP, JavaBeans, JNDI, JSF, Struts, Spring, Hibernate, Spring MVC, Spring IOC, Spring AOP, Spring Boot, JSF, AWT, Hibernate, HQL. |
| Python Frameworks | Django, Flask, Nagare, TurboGears, web2py, Openstack |
| Web Technologies | HTML4.0,5.0/DHTML, CSS2/3, Ajax, JQuery, JavaScript, and XML |
| JavaScript Technologies | Node.js, jQuery, Bootstrap, ReactJS, Ember.js, AngularJS, Angular 2/4/7 |
| Cloud | AWS, Azure, Snowflake |
| Web & App Servers | Samba, Weblogic11g/10.3/10.0, Apache Tomcat 7/6, Web Sphere 7, JBoss 2.x/3.x, IBM Web Sphere, Glassfish |
| Databases | Oracle11g/12c/10g/9i/8i, MySQL5.1/4.1, DB 2 9.1/8.1/7.2, MongoDB |
| Tools/Utilities | Apache ANT, Rational Rose, Maven |
| Testing Tools | JUnit, Log4j, Selenium, Postman, SOAPUI |
| Development Tools | NetBeans, Jenkins, jbuilde 9.0, RAD 7.5.3, IDEA 8.1, Eclipse 3.5, IntelliJ |
| Operating Systems | Windows, Linux, and Unix |
| Version Control Systems | Git, SVN, VSS, PVCS, CVS |

**Professional Experience:**

**Client: PayPal, Austin, TX Oct 2021 – Till Date**

**Role: Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Developed application on Spring framework by utilizing its features like Spring Dependency injection, Spring Security, Spring Web flow with Spring MVC in IntelliJ IDEA.
* Involved in designing and deploying multitude applications utilizing almost all the AWS stack (Including EC2, S3, SNS, SQS, IAM)
* Hands on Experience in Amazon web services (AWS) in migrating java applications to the cloud using EC2, S3 and object storage container to store and retrieved secured files, from API.
* Used Eclipse as IDE tool to develop the application and JIRA for bug and issue tracking.
* Implemented functionality using Servlets, JSP, HTML and Struts Framework., Hibernate, Spring Boot, Java Scripts and Weblogic.
* Implemented Datadog Log Management for centralized log collection and analysis.
* Followed complete test driven development (TDD) for execution of this project.
* Responsible for gathering requirements, system analysis, design, development, testing and deployment.
* Created RFP Microservice to provide RESTful API utilizing Spring Boot with Microservices.
* Working Knowledge in AWS EC2 by creating snapshots, volumes, and security groups for public and private instances.
* AWS Lambda to extend other AWS services with custom logic, or create your own back-end services that operate at AWS scale, performance, and security.
* Developed log queries and filters for troubleshooting and identifying anomalies.
* Consumed data from Amazon S3 and developed application to process it as API
* Developed application on Spring framework by utilizing its features like Spring Dependency injection, Spring Web flow with Spring MVC and Spring BOOT in IntelliJ IDEA.
* Developed Restful API to connect to cassandra and write the processed data.
* Worked on creating connections for AWS through the microservice to get the data and write the data.
* Used Hibernate Annotations concept to retrieve data from the database and integrate with Spring BOOT to interact with back end SQL Server.
* Good familiarity in working with Query languages like SQL and PL/SQL and Query Language concepts like Stored Procedures, Functions, Packages and DB Triggers.
* Created customized dashboards in Datadog to visualize key performance metrics.
* Good working knowledge on Monitoring Cassandra cluster for resource utilization and Cassandra maintenance and tuning - both database and server.
* Implemented improvements based on Datadog recommendations and industry best practices.
* Used Logging framework Log4J2 to log messages at different levels .
* Set up restful API to connect web application with Cassandra database using Java, Maven, and DataStax driver.
* Analyzed and optimized Cassandra data model with proper performance and sizing.
* Worked on end to end development of the application i.e. from development to deployment by handling and maintaining two microservices completely.
* Performed smoke tests of Api developed using Postman and written swagger documentation.
* Written Unit tests to ensure code coverage using Junit nd Mochito.
* Generated regular reports for stakeholders on system health and performance trends.
* Performed GitLab, Git bash and Terminal commands to clone, fetch, merge and push the code and created pull requests for changes that are made.
* Utilized Datadog during incident response to quickly diagnose and resolve issues.
* Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy.
* Conducted root cause analysis using Datadog metrics and logs.

**Environment:** Java, J2EE, Spring, Hibernate, SpringBoot, Spring JPA, AWS S3, Lambda, EC2, Cassandra, MongoDB, Deep events, Kubernets, Git, CI/CD, Giltlab.

**Client: Under Armour, Baltimore, MD May 2019 - Sep 2021**

**Role: Full Stack Developer**

**Responsibilities:**

* Worked on the Spring framework like Spring IOC, Spring Boot and Spring DAO.
* Involved in the implementation of DAO using Spring-Hibernate ORM, involved in creating the Hibernate POJO Objects and mapped using Hibernate Annotations
* Implemented functionality using Servlets, JSP, HTML and Struts Framework., Hibernate, Spring Boot, Java Scripts and Weblogic.
* Collaborated with cross-functional teams to define monitoring requirements.
* Developed server-side application to interact with database using Spring Boot and Hibernate.
* Responsible for gathering requirements, system analysis, design, development, testing and deployment.
* Created RFP Microservice to provide RESTful API utilizing Spring Boot with Microservices.
* Working Knowledge in AWS EC2 by creating snapshots, volumes, and security groups for public and private instances.
* Created IAM policies for delegated administration within AWS and Configure IAM Users / Roles / Policies to grant fine - grained access to AWS resources to users.
* Worked on AWS Data Pipeline to configure data loads from S3 to into Redshift
* Used JSON schema to define table and column mapping from S3 data to Redshift
* Extensive design implements and test services experience in a Micro Service-oriented architecture and has implemented the REST based Microservices using the Spring Boot, Spring Data with JPA (Java Persistence API).
* Designing and developing Restful API and services using best practices to interact within the microservices and with the front end. Using spring MVC and spring rest.
* Used JQuery and Ajax calls for transmitting JSON data objects between frontend and controllers.
* Worked with JSON based REST Web services.
* Developed Presentation layer components comprising of JSP, AJAX, Struts Action, Struts Form Beans and AJAX tag libraries.
* Developed common reusable component libraries (CRUD Scaffolding) to be reused in different projects throughout the company's IT team using GWT, Sencha, spring data, JPA.
* Used JQuery to make the frontend components interact with the Javascript functions to add dynamism to the web pages at the client side.
* For inter service communication we use Kafka messaging systems.
* Documented Datadog configurations, best practices, and troubleshooting guidelines.
* Worked on persistence layer using O/R Mapping tool IBatis with Oracle Database.
* Experience with SQL and basic CRUD operations
* Developed Oracle PL/SQL Stored Procedures and Queries for Payment release process and authorization process.
* Used JDBC to connect to the information model tier.
* Optimized Datadog configurations to handle increasing data volumes and system scaling.
* Responsible for Designing Logical and Physical data modelling for various data sources on Confidential Redshift.
* Migrated on premise database structure to Confidential Redshift data warehouse
* Used Apache CXF as the Web Services framework to implement the REST APIs involved
* Worked on the Eclipse SDK framework to develop the Code and Deploy the Application by Integrating to the Tomcat Server.
* Deploying job of resolving any external dependencies and customizing these deployed enterprise bean in this specific Banking application. Finally deployed the jar files in the EJB Container and WAR files in the Web Container on to the Weblogic server.
* Maintained and modified triggers for ClearCase using Perl. Experience in writing Shell and Perl scripts for database connectivity and to retrieve data from different sources.
* Implemented best practices for efficient use of Datadog resources.
* Writing JUnit test/Integration test cases for asserting functional quality
* Drove identification of current bottlenecks in application delivery lifecycle and implemented Agile practices & behaviours across globally distributed application development teams
* Designed the UML diagrams based on the OOAD principles
* Conducted training sessions for team members on Datadog usage and best practices.
* Developed AJAX scripting to process server side JSP scripting.
* Developed JSPs using EL language and JSTL tags.
* Designed and developed the web-tier using Html, JSP’s, Servlets, Struts and Tiles framework.
* Created webservices using WTP tool plugin to the eclipse IDE which is deployed as a separate application using Maven scripts.

**Environment:** Java, J2EE, Spring, Hibernate, Struts, Python, Django, Couchbase Python SDK, PHP, jQuery, Ajax, Sencha Extjs, JavaScript, Oracle, Crud, Pl/Sql, JDBC, Apache Cxf, Rest, Eclipse, WebLogic, Clearcase, Junit, Agile, UML, JSP, JSTL (Java Server Pages Standard Tag Library), Servlets, Maven, Itext, Google Web Kit (GWT), Jasper Report, ILog, Web 2.0, SOA.

**Client: Credit Suisse, Raleigh, NC Jan 2017 – Apr 2019**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Involved in Design, Development and Support phases of Software Development Life Cycle (SDLC).
* Used AGILE methodology and participated in SCRUM meetings.
* Shared insights and tips on leveraging Datadog for improved system reliability.
* AWS EC2 instances were configured in developing and QA environments with NodeJS.
* Designed interactive web pages with front-end screens using HTML5 and CSS3.
* Designed and implemented the user interface using HTML5, CSS3, JavaScript and Angular JS.
* Developed cross-browser/platform HTML5, CSS, and JavaScript to match design specs for complex page layouts while adhering to code standards.
* Enhanced user experience by designing new web features using MVC Framework like Express JS and Node JS.
* Worked on the modernization of a legacy and outsourced UI technologies used were Angular 2/4/7, CSS,
* Node JS, Express JS, and AWS (Amazon Web Services).
* Provided seamless connectivity between BI tools like Tableau and Qlik to Redshift endpoints.
* Used AJAX and JSON to make asynchronous calls to the project server to fetch data on the fly.
* Project Setup, Installation, Configuration, and Implementation of ONESOURCE Global Trade Software including Requirements, Design, Software Configuration, Integrations, Testing and Production Go-Live.
* Gather business, process, data, and integration requirements between ONESOURCE Global Trade and ERP Systems (ORACLE, and other systems on-premise or in the cloud using web services)
* Implementing Microservices in AWS with reactive Angular 2/4/7 components using RXJS.
* Designed and developed Microservices using node.js, Mongo DB, Neo4J, Elastic search on Cisco Private Cloud OpenStack Platform
* Designed the responsive front-end screens using Angular 2/4/7, HTML5, CSS3, JavaScript, Typescript, jQuery, and Bootstrap.
* Designing, developing, and maintaining complex SQL queries for data analysis and data extraction as per client requirements
* Validated forms using Angular 2/4/7 and regular expressions there by providing client-side validation and server validation.
* Experienced in implementing Microservices, Service Oriented Architecture (SOA) with XML based Web Services (SOAP/WSDL) using Top Down and Bottom Up approach.
* Created Buckets in AWS and stored files. Enabled Versioning and security for files stored
* Used RESTFUL client to interact with the services by providing the RESTFUL URL mapping
* Built MAVEN scripts for automated deployment and for the build operation of the entire application.
* Deployed the application in WebSphere Application Server 6.0.1 and Configured JMS in the WebSphere application server to send messages on the queue.
* Spring Controllers were used with Angular JS to route the control to desired Java services.
* Extensively used Spring Framework such as Spring IoC for bean management and Spring AOP integrated with Log4j for exception logging.
* Implemented scripting with Ajax and XML to dynamically refresh the page contents.
* Developed Controller for request, response paradigm by Spring Controllers using Spring-MVCand Spring Boot. Used JSON as response type in REST services.
* Involved with bug fixing on functionality, performance and designing issues with JavaScript, JQuery, HTML5, CSS3 and Angular 2/4/7.
* Developed core Java programs for all business rules and workflows using spring framework.
* Designed and developed Restful service interface using Spring MVC to the underlying customer event API. Involved in building Restful Web services using JAX-RSAPI.
* Worked on Cloud implementation by installing, building, and deploying applications using Cloud Foundry and using AWS.
* Create, modify, and execute DDL in table AWS Redshift tables to load data.
* Performance tuning the tables in Redshift.
* Created custom Plugins, templates, and functions for Angular 2/4/7 application.
* Implemented Hibernate for data persistence and management.
* Analyzed and fixed issues related to REST Web services and Application responses.
* Used Maven as the build tool and Tortoise SVN as the Source version controller.
* Used Subversion (SVN) as the configuration management tool to manage the code repository.
* Performed unit testing using JUnit.
* Followed Agile Scrum methodology and used TDD for writing test cases.
* Involved in developing stored procedures and Triggers on Oracle11g
* Used NPM to manager server-side packages.

 **Environment:** Java 1.7, J2EE, Spring Framework 4.0, Hibernate, Angular 2/4, AJAX, Oracle 11g, Web Services, AWS, Agile, REST, XML, Microservices , Mongo DB ,SOA, WebSphere, JavaScript, Angular JS, NodeJS, ReactJS, Bootstrap, JQuery, JBOSS, JUnit, Grunt, Github, SQL, JMS, HTML5, JSP, CVS, CSS3, MVC, Maven and SVN.

**Client: Stock-one, Bengaluru, IN Jun 2015 – Dec 2016**

**Role: Java Developer**

**Responsibilities:**

* Involved in Requirements gahering, Analysis, Design, Development, and Testing of the application using AGILE methodology (SCRUM).
* Used AGILE software development methodology which helps to develop project plans.
* Designed and Developed Client-Side application using Angular JS, HTML5, CSS3, JAVASCRIPT ES6, Bootstrap, jQuery.
* Implemented reactive Angular 2 components using RXJS.
* Designed entire framework to support Test Driven development (TDD) by making use of Dependency Injection through unity framework and developed a generic repository.
* Responsible for setting up Angular JS framework for UI development. Developed html views with HTML5, CSS3, JSON, TypeScript and React JS.
* Designed and managed public/private cloud infrastructures using Confidential Web Services (AWS) which include EC2, S3, Cloud Front, Elastic File System, RDS, VPC, Direct Connect, Route53, Cloud Watch, Cloud Trail, Cloud Formation, and IAM which allowed automated operations.
* Developed Open stack API to integrate with Amazon EC2 cloud-based architecture in AWS, including creating machine Images.
* Developed Hibernate mapping files using different mapping strategies such as table per class hierarchy and used Hibernate Persistence Strategy to interact with database.
* Build RESTful web service by building Node.js Server in the back end to handle requests sent from the front-end jQuery and AJAX calls.
* Using Django Framework model, implemented MVC architecture and developed web applications with superb interface.
* Used Django REST framework and integrated new and existing API's endpoints.
* Extensive knowledge in using python libraries like OS, Pickle, NumPy and SciPy.
* Proficient in handling huge data and performing creating, reading, updating, and deleting (CRUD) operations on MongoDB using PyMongo module.
* Worked on Django REST framework as it is much faster to read data and it can be cached. REST allows more formats than SOAP and gives better support for browser clients as it supports JSON.
* Validated forms using Angular 2 and regular expressions there by providing client-side validation and server validation.
* Automated the cloud deployments using chef, python, and AWS Cloud Formation Templates
* Created Angular directives, Controllers, Modules, Pipes Etc In TypeScript.
* Created RFP (Request for Proposal) microservice to provide Restful API utilizing Spring Boot with Spring MVC.
* Implemented Spring MVC framework in the presentation tier for all the essential control flow, business level validations and for communicating with the business layer.
* Developed code using Design Patterns like DAO, Factory Pattern, Singleton and Value Objects, Decorator, State, Strategy.
* Installed and administered Atlassian tool set including JIRA, Confluence, Crucible, and Bamboo.
* Used spring as the MVC model. Used Spring AOP and Spring Boot for common cross cutting concerns like security and interception.
* Implemented Docker container service, build pipeline like Jenkins, Bamboo and Go CD for Continuous Integration and Continuous Deployment that can run on the cloud or on-premises
* Worked on Code builds, and code changes are made in JavaScript, Python and Shell scripts.
* Configured Source Code Management tools with Bamboo and executed triggers in SVN.
* Created Views, Sequences in the oracle database and modified the existing PL/SQL stored procedures.
* Worked on Load testing on JMeter to improve the performance of newly developed code.
* Designed and prepared Unit test cases using JUnit and Log4j and removed the maximum bugs before passing onto the application to the QA team.
* Using Chef deployed and configured Elastic search for log analytics, full text search, application monitoring in integration with AWS Lambda and Cloud Watch.
* Expertise in using NoSQL database like MongoDB to support the storage of JSON objects and provides the storage for security related information.
* Sending requests and responses to Microservices through REST/HTTP.
* Developed and directed software systems testing procedures and development strategy.
* Used Jenkins application to build and perform continuous deployments of JBOSS war files.
* Deployed web and enterprise applications on JBoss application server in a channel secure environment.
* Used UNIX shell scripting to automate software installation and testing. Wrote scripts to apply application patches and Oracle table updates.
* Stayed updated on Datadog features and updates to leverage the latest capabilities.
* Used GitHub to maintain the versions of the source code of the project.
* Used CI/CD technologies such Git, Chef, Jenkins are used for developing and deploy web services.
* Developed integration modules for disparate clients using Apache Camel.
* Involved in Unit testing of application using Karma and Jasmine library to make sure that the application is compatible in all browsers.
* Worked in close cooperation with project managers and other functional team members to form a team effort in development.

**Environment:** JDK 1.8, Spring Boot, Spring MVC, Angular 2/4, Spring AOP, Hibernate 4.0, JAX-RS Webservices, JAX-WS Webservices, Microservices ,Apache CXF, AJAX, UML, MS Visio, JSTL, Oracle 11g, Docker , JBoss, Selenium, GIT, Bamboo CI, Cucumber, Chef, MongoDB, JMeter, Apache Camel, Karma, AWS, Jasmine.