**PROFESSIONAL SUMMARY**

* About 8+ years of experience in Analysis, Design, Development, Implementation and Maintenance of applications using Java/J2EE Technologies.
* Hands on experience in working with **Collections, Exception Handling, Multithreading, Generics, Enums and Annotations.**
* Extensive experience in developing applications using **JSP, Servlets, JSF**, and frameworks like **Spring, Struts, Hibernate.**
* Experience with different spring modules like **Spring IOC, Spring MVC, Spring AOP, Spring ORM, Spring Boot, Spring Security.**
* Experience working in client-side development with **AngularJS, HTML, XHTML, CSS, JS, jQuery and AJAX.**
* Hands on experience in developing applications using J2EE Design Patterns like **MVC Architecture, Singleton, Abstract, Factory, Facade, DAO.**
* Well versed with consuming and publishing Web services as SOA Architecture based **SOAP, WSDL, UDDI** Components and **REST** working with data-exchange formats like **XML** and **JSON** formats.
* Having experience with Cloud Computing Service environment like Amazon Web Services (**AWS**).
* Experience in Persistence Framework like **Hibernate** ORM (Object Relational Mapping) in a typical n-tier architecture.
* Working experience of Relational DBMS like **Oracle, SQL Server, MySQL, DB2**, Toad for performing SQL and PL/SQL programming and NoSQL DB like **MongoDB**.
* Extensive experience in Deploying, Configuration on Application & Web Servers such as **WebLogic, JBoss, IBM WebSphere and Apache Tomcat.**
* Experienced with Middleware Technology Messaging Brokers like **JMS, Active MQ and Mule ESB (Enterprise Service Bus) in SOA (Service-oriented) Architecture.**
* Significant experience in web development tools like Eclipse, IBM RAD and Spring Tool Suite.
* Experienced using WARs and EARs to build and deploy the applications in application servers using ANT scripts and different IDEs.
* Experienced using the **Micro services** using the Spring Boot.
* Experience in development, deployment and troubleshooting Web based and enterprise based applications on Windows, UNIX and Linux platforms.
* Hands-on experience working with Continuous Integration (CI) build-automation tools such as **Maven**, **Jenkins** and Apache **Ant.**
* Experience working in PTC applications tools **Wind-chill, Arbor text**. Excellent knowledge of **GXT**.
* Good knowledge and hands on experience in working with **Selenium, JUnit and TDD.**
* Extensively worked on Pivotal Tracker and **JIRA** tools for tracking stories in a Project. Experience in using various configuration management tools like Visual Source Safe, IBM Clear Case, SVN and CVS.
* Good experience in developing applications using Agile (XP and Scrum) and Waterfall methodology.
* Flexible team player who prospers in a fast-paced work environment. Excellent communication, interpersonal, analytical and prioritization skills.

**TECHNICAL SKILLS**

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| --- | --- |
| **Languages** | Core Java, Java/J2EE, SQL, PL/SQL |
| **Enterprise Java** | JSP, Servlets, JDBC, Log4J, Java security |
| **Mark-up/XML Technologies** | HTML, XHTML, DHTML, JavaScript, Node.js, AngularJS, CSS, Bootstrap, XML, XSD, XSL/XSLT, SAX/DOM, AJAX, jQuery, JSON, GWT |
| **Tools & Framework** | Struts, Spring, Hibernate, Spring MVC, Spring IOC, Spring AOP, Spring Data, Spring Boot, JSF, JUnit |
| **Web services** | SOAP, RESTful, UDDI, WSDL, JAX-RS, JAX-WS, JAX-B, Apache Axis2, Apache CFX, AWS, Micro Services |
| **Middleware Technologies** | JMS, Spring Integration, Digest Authorization, OAuth |
| **Web/App Servers** | Web Sphere, Apache Tomcat, JBoss EAP, Web Logic, Glassfish |
| **Database** | Oracle, SQL-Server, MySQL server, TOAD, Mongo DB/ NOSQL, DB2 |
| **IDEs** | Eclipse, Net Beans, IBM RAD, STS |
| **O-R mapping** | Hibernate, MyBatis |
| **Testing Tools/ Others** | JUnit, Mockito, Selenium, SoapUI, Putty, Rational Clear Quest, RTC |
| **Version Control Tools** | CVS, SVN, Rational Clearcase, Git, Checkstyle |
| **Build-Automation Tools (CI)/Issue Tracking Tools** | Maven, Jenkins, Ant, JIRA, Pivotal Tracker**,** FireBug, Mantis |
| **OS & Environment** | Windows, UNIX, Linux |

**EDUCATION DETAILS:**

Bachelors in computer science, India, 2009.

**PROFESSIONAL PROFILE**

**ITRON INC Aug’ 2017 to present**

**San Jose, California**

**Full Stack Java Developer**

**Responsibilities:**

* Involved in the complete **SDLC** including the design of System Architecture, development of System Use Cases based on the functional requirements.
* Involved in **Daily Scrum (Agile)** meetings, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Used **JSP, HTML5, CSS3**, and **JavaScript** to construct the dynamic web pages (presentation Layer) for the application.
* Research and development on scalable Linux development on **AWS via Docker**. Used **Angular 2/4** and **Backbone.JS** for **client-side validation**.
* Develop various screens for the front end using **Angular JS** and used various predefined components from NPM. Worked with core Java technologies like **Multi-Threading** and synchronization.
* Multithreading was used to process data in chunks to improve performance. Handed **Java Multi-Threading** part in **back-end component**, one thread will be running for each user.
* Implemented **Restful Web services** to retrieve data from client side and made **REST API** calls from **Angular JS** and parsed the data to project to the client and handled the security and Authorization using Spring Security and **OAuth**.
* Designed and developed the **REST** based **Micro services** using the **Spring Boot**. Developed Business objects using POJOs and data access layer using **Hibernate framework**.
* Achieved Dependency injection by creating spring services, spring controllers and DAOs to wire objects of business classes. Implement **Java8** features including **Lambda**, Advanced for each loop, and Streams.
* Involved in writing **API** for Amazon Lambda to manage some of the AWS Services. Designed and developed business components using **Spring Boot, Spring Dependency Injection** (Core), **Spring AOP** and Spring Annotations.
* Used Hibernate Transaction Management, Spring/Hibernate Batch Transactions and Hibernate cache concepts. Used **Spring Data** Framework to use the features of **Spring JDBC** and **Spring ORM** classes like **JDBC** Template and Hibernate Template to perform the database operations by connecting to Data sources available.
* Removed all the **XML** based configurations required to build the **MVC** application and maintained in the classes using **Spring Boot**.Developed views using the **HTML, CSS and JS** components of **Bootstrap** framework.
* Installed the application on **AWS EC2** instances and configured the storage on **S3 buckets**. Used **MicroServices** to communicate using synchronous protocols **HTTP** and **REST**.
* Implementing or exposing the **MicroServices** based on **Restful API** utilizing **Spring Boot** with **Spring MVC**.Developed build and deployment scripts using **MAVEN** as build tools in Jenkins to move from one environment to other environments.
* Used Jenkins for continuous integration and test automation. Used **Kafka** for data streaming. Used Maven as a building too**.** Deployed and **Monitored Micro Services** Using **Pivotal Cloud Foundry (PCF),** also Managed Domains and Routes with the **Cloud Foundry**.
* Experienced in implementation of **JMS** to exchange information over reliable channel in an asynchronous way by using **Active MQ, Rabbit MQ** as a message queue.
* Created computing and data resources on **AWS** using **EC2**. Installed Pivotal Cloud Foundry on EC2 to manage the containers created by **PCF**. Implemented agent-server messaging dialog using Rabbit MQ.Build Web pages that are more user interactive using **AJAX, JavaScript, LESS**, **Bootstrap and Angular JS**
* Deployed **GUI** code to **Web Logic application** environment and standalone components to **JBoss Server**. Developed web services to perform various operations on the supplier information.
* Used **Mongo DB** as data storage and utilized aspects like replica sets, **Sharding**, and clever document design to make service extensible scale and feature wise.
* Responsible for providing architectural guidance to external business team in **Apigee API**  
  management.Creating Domain classes, Controllers, View objects, and services at backend side to perform the functionality for the application using **Groovy Grails 3**
* Implemented **Micro Services architecture** using **Spring Boot** for making application smaller and independent. Used **JIRA** ticketing system to keep track of issues and tasks on individuals.
* Worked with **NoSQL** databases such as **Cassandra, MongoDB** did enhancement of the existing functionality to persist the messages to **Cassandra DB** in **Kafka**. Developed persistence framework to ingest high volumes of data to **My SQL** and **Cassandra**.
* Use **Maven** to build the application and deployed on **Web Sphere Application Server**. Used **GIT HUB** for the version control.

Environment: JAVA 8, J2SE, HTML5, CSS3, AWS, jQuery, Ajax, Rabbit MQ, Angular JS, Node JS, JSON, J2EE, Spring Framework 4.2.0, Spring MVC 4.2, Hibernate 4.0, Docker, Micro Services, Kafka, Apigee, Pivotal Cloud Foundry (PCF), Bootstrap, Web services, Restful, RAD, Python, Web Sphere, Sonar Qube, Agile/Scrum Methodology, Maven, JIRA, JBoss, JUnit, TDD, MongoDB, GITHUB.

**GEICO April’ 15 - Jun’17**

**Chevy Chase, MD**

**Full Stack Java Developer**

Geico is a leading Insurance company with a focus on auto Insurance. My work is primarily focused on design, development and maintenance of applications in production and perform any break-fix’s and minor enhancements by actively collaborating with business and other IT teams. Developed Tiles to migrate the screens from Legacy applications to Geico standard based applications using the SFX (company inbuilt language).

**Responsibilities:**

* Involved in **analysis**, **design** and **development** and **testing** phases of **SDLC** using **Agile Methodology.**
* Involved in implementation of the presentation layer **(GUI**) for application using **HTML, XHTML, DHTML, CSS and JavaScript**.
* Implements responsive design template to get a new interface in **Bootstrap**, **HTML**.
* Developed Single page application and structured the **JavaScript** code using **AngularJS**.
* Created web application using **Spring MVC** framework
* Using **Spring Framework** implemented **dependency injection**, **Action classes** through **Application Context XML** and initialized managed beans and services.
* Used Spring Core Annotations for Dependency Injection Spring DI **and Spring MVC for REST API s** and **Spring Boot** for **Micro-services**. For reporting, logging and Transactions purposes used **Spring** **AOP**.
* Used **Spring Front Controller** class to map all the client requests to it and navigated to Business Controller classes accordingly.
* Built Spring based Java and Scala **Microservices** to support enterprise web application
* Designed and documented **REST/HTTP APIs**, including **JSON** data formats and **API** versioning strategy.
* Created and consumed **SOAP** Web Services using **JAXB** annotations. Developed persistence layer Data access objects using**DAO pattern, JDBC, Hibernate.**
* Developed custom queries using hibernate criteria, native **SQL** and **HQL.**
* Used **MongoDB** as data storage and utilized aspects like replica sets, sharding and clever document design to make service extensible scale and feature wise.
* Create RFP (Request for proposal) Micro services to provide RESTful API utilizing Spring Boot with Spring11 MVC.
* Configured **EH Cache** to load the static tables into secondary storage area.
* Responsible for provisioning, maintaining and improving upon server infrastructure, split between physical data centers and **AWS**. Also, provided 24/7/365 on-call support.
* Designed and coded application components utilizing a test-driven development approach (**TDD**).
* Focused on **Test Driven Development** thereby creating detailed **JUnit** tests for every single piece of functionality before actually writing the functionality.
* As a passionate advocate of **AWS** within **Gracenote**, I migrated my department from a physical data center environment to **AWS**. I also designed, built, and deployed a multitude applications utilizing almost all of the AWS stack (Including EC2, R53, S3, RDS, **DynamoDB**, SQS, IAM, and EMR), focussing on high-availability, fault tolerance, and auto-scaling.
* Developed applications on Rational application developer (6.0) and Rational suite. Used **Jenkins** as build management tool for continuous integration process.
* **JIRA**, used to keep a track of bugs and **Git** as version control tool. Deployed applications on **WebLogic** application server.

**Environment:**Java, HTML, XHTML, DHTML, CSS, Bootstrap, JavaScript, JSON, jQuery, AngularJS, Spring (dependency injection, AOP, MVC), Struts, Restful, Jersey, SOAP, JAX-RPC, WSDL, Hibernate, Oracle, MongoDB, TDD, WebLogic, STS, UNIX, JUnit, JIRA, GIT, Jenkins.

**LOWE’S**

**Mooresville, NC Oct’13 – Mar’15**

**Java/J2EE Developer**

Lowe’s is a leading retailer company, we developed Rest Services which calls external application service to get the product information from Legacy application. Used Camel framework for this services development. Wrote some database scripts to achieve data from Legacy to new java application.

**Responsibilities:**

* Designed and coded application components in an **Agile/TDD** environment utilizing a test-driven development and pair-programming.
* Developed the application using spring framework that leverages model view layer architecture, also configured Dependency Injection.
* Design of GUI using Model View Architecture (**SPRING** Frame Work). Integrated **Spring** **DAO** for data access using **Hibernate**.
* Created hibernate mapping files to map POJO to DB tables. Involved in the Development of Spring Framework Controllers.
* Developing application using **Spring core** module and POJO’s using Eclipse and worked on Messaging service.
* Web application to manage Unix build stations using **C#, MVC, Java Script, Angular JS, jQuery, Bootstrap, plink.exe (for sending remote commands), bash, SQL Server**.
* Used Hibernate ORM tools which automate the mapping between SQL databases and objects in Java.
* Extensively used Hibernate in data access layer to access and update information in the database.
* Developed user interface using **JSP, JSP Tag libraries JSTL, HTML, CSS, JavaScript to simplify the complexities of the application.**
* Currently working on fitness tool which aids in Test Driven Development.
* Used **JMS** for the asynchronous exchange of critical business data and events among J2EE components and legacy system. Worked with Map/Reduce and stream processing (e.g. Storm).
* Programmed custom Portlets based on JSR 168 specifications using WebSphere portal server 5.0 and RAD IDE.
* Supported and provided important feedback to various development teams with regards to the grid computing and caching technology.
* Designed and developed **RESTful** Style Web Service layer and **WSLD**.  Expertise in **Elastic search** with oracle database.
* Deployment of web, enterprise java components, messaging components and **multi-threading**.
* Performed statistical analysis using control charts, process flow charts, cause-effect diagrams & six sigma methods. Designed and developed the XSD for WSDL.
* Developed XML Schemas - **XSD**, **DTD** for the validation of XML documents, also used Subversion.
* Used XML web services using REST to transfer the amount to transfer application that is
* Used **SWING** for GUI based coding.
* Implemented the frontend Portlets using the Struts Pattern Using RAD 5.0 and validations using Struts frame work with EJB 2.0 as backend and message driven bean were used to send the entire batch request in XML and format and parsing the XML to Backend.
* Performed statistical analysis using control charts, process flow charts, cause-effect diagrams & six sigma methods.

**Environment**: Java, J2EE, JSP, AngularJS, PL/SQL, Spring, EJB, JMS, JNDI, Oracle, XML, DOM, SOAP, JUnit, Apache Camel, WebSphere, Hibernate, JDBC, MS SQL Server, RESTful Web service, WebLogic 8, JBoss Drools, SOA Design Patterns, Cassandra.

**Mhash Technology**

**Pune, India Jan’10 – July’13**

**Java/J2EE Developer**

**Responsibilities:**

* Developing Online panels and application using **EJB, Java Servlets, Session & Entity Beans**.
* Recommended and develop strategy for integrating interval security model into new projects with Spring security and spring boot.
* Create Data Model for and initial Java JPA entities for RFP project.
* Architect build pipeline for internal projects which includes utilizing **Gradle** for project builds and structure.
* Implemented the project using the Spring Framework (**Spring IOC and Dependency Injection, Spring MVC**).
* Designed and developed **REST** web service for validating address.
* Developed the application using **JSF** for front end, Spring to manage business layer components.
* Used **Hibernate** for object Relational Mapping and used **JPA** for annotations.
* Create chef cookbooks for creation and delivery of application node and database node.
* Developed JSP pages using **HTML, CSS, JSTL Tag Library, Struts Tab Library, and JSP Custom Tags**.
* Used Spring Framework and created the Dependency injection for the Action classes using ApplicationContext.xml.
* Writing JSP form bean validations by using Struts Validation framework (validation.xml, validator-rules.xml and message Resources).
* Used Criteria API and **HQL** for data extraction.
* Performed Validations on UI data using JSF validations and JavaScript
* Performed client side validations using **JavaScript** functions to implement various functionality.
* Expertise in Red hat Linux Capacity and Performance Planning.
* Worked on ancillary technologies/tools (portal/portlet development, BPM, rules engines, security/SSO, and UML).

**Environment**: Ruby, Bash shell Scripting, Java, Spring, Spring MVC, Spring security, JPA, MySQL, SQL, Camel, JavaScript.