**Sathesh Kumar Govindarajan**

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**Experience Summary:**

* 11+ years of IT Experience with Java/J2EE applications.
* Very Good knowledge of Internet technologies JAVA, J2EE, JSP, **Spring**, **Spring boot**, Hibernate, **Struts 2.0**, Servlets, JDBC, JNDI, JMS, JSP and XML.
* Strong skills in **RESTful and SOAP** Web services development.
* Having good experience with ORM frameworks like **Hibernate/JPA/IBatis**
* Good Skills in **Agile development** and **Water fall** model
* Experience with **Spring boot**, **Spring AOP, Security**, and **Spring REST Services.**
* Experience with presentation technologies HTML, HTML5, JavaScript, JSON, CSS, **JQuery, JSP**, **Adobe Target and Angular**
* Strong Knowledge on **SQL, DB and MYSQL** Queries and Stored procedures.
* Knowledge in **Micro Services**, **Angular** **5**, **New Relic, Apigee framework, MQ, Tealeaf.**
* Experience in Integrating with **Identity access management, Clear Trust, PING SSO, OKTA** and **Adaptive Auth Multi Factor Authentication** technologies.
* **Ability to work independently** and as a member of a team. Demonstrated self-motivation and the **ability to work independently**
* Experienced in designing and developing applications using Java, J2EE and J2EE design patterns like Session Facade, Service Locator, Business Delegate, MVC, DAO, **Singleton**
* Experience using development tools Eclipse.x, RAD, Intellji VS code and Spring Tool Suite
* Ability to work efficiently in a team as well as an individual
* Expertise in **Server migrations** like WebSphere 6 to 8.5, WebSphere 8.5 to Liberty and Tomcat. And **hosting** new J2EE applications into **different platforms and servers**.
* Experience with **Maven, GIT/SVN, Jenkins, Nexus/Antifactory and UCD** integrations.
* Experience with Azure Devops (Board, Repos, Pipeline)
* Experience in creating **Splunk** queries, Dashboards, Monitoring set up and Alerts

###### Technical Skills:

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| --- | --- |
| **Programming Languages** | Java, J2EE, Java 1.8+, Spring, Microservices using Spring Boot, Java Script, Adobe Action script 3.0, Flex, APIGEE, Adobe AIR, Node JS |
| **Databases & Tools** | DB2, MySql and SQL Server.  SQL developer, Squirrel, SSMS, DB2 Viewer |
| **Application servers** | Spring Boot, Web Sphere 6.1 & 8.5, Tomcat, Liberty |
| **Web / Enterprise** | Spring MVC, Spring AOP, Spring REST, Angular Type Script, Hibernate, JPA, MyBatis, ORM, Struts 2, Servlets, JSP |
| **Security** | Ping SSO integration, OKTA, Clear trust, Multi factor authentication, Spring Security |
| **Tech Tools** | Maven, SOAP UI, Postman, Swagger, RTC, RRC, Adobe Target, Tealeaf, Google Analytics, |
| **Dev OPS tools/ CI-CD** | Github, Jenkins, Docker, Artifactory, Nexus, Urban code Deployment (Zero Down time), Splunk, New Relic, Azure DevOps and SVN |

###### Education:

**Master of Computer Applications** from Bharatiar University, India

**Bachelor of Computer Applications** from Bharatiar University, India

**Work Experience:**

**Swiss Re, Columbus, OH/Kansas City, MO Mar 2021 – Present**

**Software Engineer/Lead**

**Project Description: RDS – Risk Data and Services - POC**

Application is serving Risk and Data exposure details to the customers/brokers. Customers/Brokers can upload all customer location details into the portal either via forms or upload features into portal. Portal will generate the Geo encoding details based on subscription model and share those information's to third party site to generate interactive Risk and flood maps. **This is POC project** and this feature is going to give more details to customers for their location natural catastrophes in advance.

**Responsibilities:**

* **Developing micro services using spring boot** for exposure and upload features.
* Developing new forms into **existing Angular applications** for Risk and Data services.
* Integrating spring boot apps with new third party api for **geo encoding services**.
* Work with other software engineers for one or more Agile scrum teams assigned to work on project.
* Collaborate on the design with other team members and product owners, both inside and outside the scrum team.
* Conduct design and code reviews to ensure code developed meets coding best practices guidelines, unit testing, security and scalability and maintainability guidelines.
* Drive a quality mindset within the team.

**Environment:** Spring Boot Mirco services, JPA, SQL, Okta, Angular, Azure Dev Ops.

**Nationwide Mutual Insurance Company, Columbus, OH Jun 2016 – March 2021**

**Senior Java Developer/Lead**

**Project Description: Internet Servicing - Digital**

Internet servicing allows Members to change their Policies, Coverages, Drivers, Vehicles information’s. Customer can view their ID Cards, Billing Documents, Create/View a Claims, Smart Ride and Smart Miles trip details and Policy Documents for Standard Auto, Non-Standard Auto, Property, Commercial and Umbrella policies.  Customer can make the payment, set up payment preferences, Auto pay and refund information’s. Also, its supporting third-party agents to inquiry about policy information and updating lien/mortgage clause details.

**Responsibilities:**

* Developed application using **Spring Framework** that leverages classical Model View Controller (MVC-2) architecture. Used Spring Core Annotations for Dependency Injection, IoC and Spring MVC for REST API’s, Spring boot for REST services/micro services.
* Developed DAO layer using Spring ORM and Hibernate, using annotation to map objects to database. Used Spring MVC with Spring Security ad Jackson mapping to build REST services.
* Developed applications using **JSP/Jquery and Angular 5 / Angular Js** for faster interactive Front-End.
* Migrated Java applications from **Web Sphere to Liberty and Tomcat servers** and hosted in newly Nitro hosting platform.
* Used Spring Boot which is radically faster in building rest services and develop Spring based application with very less configuration.
* Troubleshooting the issues while deploying the applications, migration and deployment in new servers.
* Created **Validator framework using Spring Boot** to mock the test request and responses to save test data down/blocking times.
* Developed **Single Page Applications (SPA)** using Angular, Type script and Bootstrap for Commercial, Claims and Impersonator applications.
* I was acting **Technical java lead for all back-end applications** that including system design, code reviews, project planning, test plan and deliverables. Conducts and leads design and code reviews to ensure adherence to guidelines.
* Integrated with **Adobe Target** with Angular and Java application to give **A/B Visual experiences** to customers.
* Extensively worked on N-tier architecture systems with application system.
* Development using advanced algorithms in Core Java concepts like **Collection API, Generics and Annotations** used across internet serving applications and batch applications.
* Actively involved in designing and implementing Singleton, Factory, MVC, AOP, Data transfer Objects and Data Access Objects
* Involved in complete development of Agile Development Methodology and tested the application in each iteration
* Involved in production support and resolved the production defects.
* Involved in implementation of Service Oriented Architecture (SOA), experienced in development and use of Web Services.
* Developed the application using RAD, Eclipse, VS Code and deployed the applications to **Web Sphere, Tomcat and Liberty servers.**
* Worked on setting up Splunk and New relic alerts to identity the errors in prod environment.
* I worked side by side with DevOps like Github, Artifactory, Nexus, Jenkins, UCD and Docker.
* Exposure to Kubernetes for cloud native s3 deployment.
* Maintaining Quality center for defect tracking.
* Used unit testing frameworks like Mockito, JMock for java and TestBed for angular test cases.
* Used GIT for version control to effectively manage code changes, Jenkins for building applications, Nexus/Artifactory for storing and UCD for deployments.

**Environment:** Spring, Spring MVC, Spring ORM, Spring Security (CSRF), Spring JDBC, Spring Boot, Mybatis, Angular 5, Core JAVA, J2EE, Java 7 and 8, REST and SOAP services, MSSQL and DB2, Web Sphere 8.5, Liberty, Tomcat, Github, Jenkins, Splunk, Docker, UCD, Jira, RTC/RRC, New Relic, Tealeaf, Adobe Experience Manager (Target), Genesys C2C, heap analyzer.

**MetLife Inc., Somerset, NJ/Cary, NC/India Feb 2013 – May 2016**

**Senior Developer/Lead**

**Project Description: Case Definition Facility – CDF**

The Case Definition Facility (CDF) and iLINK are institutional administrative applications that capture the customer information and high-level plan information to create Premium and Claims Financial Reporting Structure. CDF houses customer information, report structure, plan, rates and bill details. CDF interfaces with Financial Accounting systems and other Institutional applications. ILINK houses detailed plan information.

**Responsibilities:**

* Involved in complete development of Agile and Waterfall Development Methodologies
* Experience with working with **WSDL** and **XSD’s**
* Developed Java Batch applications which will post xml into IBM MQ series
* Knowledge in using **JAX-WS**, **JAXB**, **JAX-RS** (Jersey container) and **SOAP-UI**.
* Used Dozer for copy data from one bean to another bean.
* Developed Hibernate persistence entities and complex mapping to retrieve data from DB.
* Experience with working with **Java 1.7**
* Developed Java/J2EE web-based applications to administrate the policy (Group, Dental, Vision), rate and billing details.
* **Development tech Lead/SME** for CDF services and applications in Metlife. Responsible for 35 web services, batch cycle and database development. Responsible for working closely with business partners and business analysts to help gather requirements and translating requirements into system work. Mentor team members in terms of technical aspects.
* Developed test cases using **JUnit** framework
* Developed front end screens using **HTML**, **JavaScript** and **AngularJS**.
* Developed many **SOAP services and Jax RS** services to communicate with front end.
* Involved in all stages of Software Development Life Cycle (SDLC) - analysis, detail design, development, system and integration testing.
* Developed publish customer batch application which is predecessor job for most of the java batches in Metlife.
* Developed couple of SOS application forms using Node server and mongo db.
* Tested the Rest/SOAP Api using Postman and SoapUI Pro. Developed and Consumed **SOAP** and **REST** web services.
* Involved in Design and code reviews. Maintaining Quality center for defect tracking.
* Migrated JAVA Soap web services from **web sphere 6.1 to 8.5 server**.
* Troubleshooting the issues while deploying the applications, migration and deployment in new servers.

**Environment:** Core Java, j2EE, Java 7, Java web services, REST, Angular JS, DB2, Web Sphere 6.1 and 8.5, Soap UI Pro, Postman, Splunk, RAD, Compute Grid, Node JS, Code Move Plus, SVN, VSS, heap analyzer.

**Cognizant Technology Solutions, India Aug 2011 - Feb 2013**

**Associate - Projects**

**Project Description: CA2 – Cognizant Advanced Apps**

CA2 is a Code generation tool used to Deploy/generate Source Code for Java and .NET applications in MVC format. This is a Model cum Source Code development product. This is used to develop the .NET and Java Applications. CA2 supports most of the features such as JqGrid, Chart, Entity Framework, Tree and Calendar. As part of End-to-End Code Generation, it supports Façade, Business Service, and Data Service. Apart from this CA2 support SOA based applications for both Rest and Web Services.

**Responsibilities:**

* Developed front end UI and logic using **Adobe Flex, action script, java script and HTML5.**
* Worked on developing and handling of database interaction by working on persistent development layer using Hibernate.
* Created and managed new database objects including tables, indexes, triggers in MySQL database.
* Used **Velocity engine to create dynamic files** for automatic code generation.
* Developed named HQL queries and criteria queries for use in application.
* Designed and developed REST and SOAP web services for exchanging information over HTTP.
* Implemented design pattern like DAO, Singleton, Factory, utilized WS-Security to secure SOAP services
* Responsible for designing test scenarios and implementing tests for services using SOAP UI tool.
* Used apache log4j logging API to log Error and messages and Star team and Hudson for Continuous delivery

**Environment:** Core Java/J2EE, Struts 2, Adobe Flex 3 and 4, Pure MVC framework, Velocity Engine, Hibernate, Java script, Action script 3.0, MySql, Soap UI, Postman, XML, Hudson, Star team

**CG Vak Software's: May 2011 – Jul 2011**

**Senior Software Engineer**

**Project Description: YearBook**

This project is developed for leading IT Company in Ireland. This project is to develop Yearbook Website which will allow the users to Log in, design pages, export as PDF and Preview the yearbook. Design using the templates / image library available in the yearbook application online, move around the pages and finally publish the yearbook. Dynamically we can add images, shapes, text, templates, payment gateway and set styles to build the Yearbook. In this project, we have implemented some system concepts like Undo/Redo, Export as PDF, Preview using Flipbook, cut, copy, paste, etc., The administrator’s responsibility is to design the templates, uploading images, approving the registered users and creating packages. We have implemented third part libraries such as Object Handles and Alive PDF.

**Responsibilities:**

* I played as individual contributor role where I managed my time and the time of others.
* In addition, I effectively handle multiple demands and competing deadlines.
* Here at this role, I excelled at identifying goals, developing plans, estimating time frames and monitoring the progress without much oversight by management.
* Involved in development of modules like Login, all back-end activities, Dynamic page and control creation, Payment gateway, Export PDF, Dynamic Design Templates, Shapes creation and Sharing Concept.
* Developed application using Adobe Flex and Action scripts and Struts 2 used for back end calls.
* Created desktop application using Adobe Flex and Air technologies.

**Environment:** Adobe Flex, Action script 3.0, Flash Builder 4 (SDK 3.5), Struts 2, Adobe Air/Flash Player, MSSQL

**CG Vak Software's, India Jun 2010 – Feb 2011**

**Software Engineer**

**Project Description: Retail Management System (POS)**

This project is developed for leading IT Company in Swindon, UK. The main theme of the application is managing retail management system. It is the next generation point of sales (POS) software suite. It is modular, event-driven, browser-based, and will be delivered as licensed software. The software is composed of several modules in which functional and technical attributes are itemized and those are POS, Purchasing, Stock control, Banking, Query Builder, Configuration, Reports and Maintenance. We have implemented third part libraries such as Flexicious grid and Alive PDF.

**Responsibilities:**

* Involved in development of modules like Overall Structure, Form Designs, POS, Purchasing, Query (expression) builder, Maintenance & Stock Control.
* Developed application using RIA Adobe Flex and Action scripts and Struts 2 and .Net web services used for back end. Created desktop application using Adobe Flex and Air technologies.
* Created lot of stored procedures, triggers to store and retrieve the data in MSSQL.
* Coordinating & discussing the issues with teammate & finding the solution to resolve the issues for change request.
* Maintaining Quality center for defect tracking

**Environment:** Adobe Flex 4, Action script 3.0, Flash Builder 4 (SDK 3.5), Struts 2, Net 3.5, Adobe Air/Flash Player, MSSQL