**Venkata G**

**Professional Summary:**

* Overall 15 years of experience in the IT industry, self-directed and self-motivated Professional with the ability to change and adapt quickly and adjust work accordingly in a positive manner.
* Diversified experience in Information Technology including **Analysis, Design, Development, and Implementation** of applications.
* Proficiency in developing **web applications and server-side development using JSP, Servlets, Struts, Spring, Hibernate, Web Services (SOAP & REST), AWS, Jersey, JDBC, JNDI, XML, JSTL, Java Beans, CSS, HTML, JavaScript, EXJTS, AJAX, jQuery, JSON, Angular, ReactJS, Redux, Express, SQL and PL/SQL.**
* Participated in the full life-cycle development process from product definition, through design, development, test, release, and maintenance.
* Extensive knowledge and implementation skills in **Spring Framework, Web Services, Struts, Hibernate,** and **MyBatis.**
* Expertise and a good understanding of **Spring Architecture and Building highly scalable Web Applications.**
* Good experience with spring modules like **MVC, Beans, Core, Context, JDBC, IOC, AOP, Annotations, and Spring Boot.**
* Strong knowledge of Design Patterns including **J2EE** Design Patterns **Singleton, Factory, MVC, DAO, Composite View, Front Controller, and VO patterns**, etc.
* Experience in XML-related technologies like **XML, DTD, XSLT, XSD,** and parsers like **SAX/DOM,** and **JAXB.**
* Experience in developing **J2EE** applications using **Web Sphere, JBoss, Web Logic,** and **Tomcat** application servers.
* Experience in using modeling tools such as **RSA**, and **StarUML**.
* Hands-on experience in source code versioning tools including **GIT Hub, SVN, Clear Case, TFS**, and **VSS**.
* Have good working exposure and expertise on APM tools such as **dynaTrace**.
* Experience **in Class/Method Sensor Configuration, Memory Analysis,** andcreating **Dashboards** as per the Business Requirements using the **dynaTrace** tool.
* Hands-on experience using **Oracle, PL/SQL, stored procedures, cursors, views, indexes, triggers, functions,** and **packages.**
* Working knowledge of **NodeJS, ReactJS, Redux,** and **Angular JS.**
* Excellent exposure to **Big Web Services** and **Restful Web Services**.
* Used **Hibernate** framework for the backend persistence. Extensively worked with **HQL** and **hibernate criteria queries.**
* Experienced in writing **ANT**, **Maven**, and **Gradle** scripts to build and deploy applications.
* Excellent understanding and knowledge of **Hadoop Architecture** and various components of Hadoop clusters such as **Hadoop MapReduce, HDFS, PIG, Hive, Hbase, Sqoop, Oozie, Apache Spark, Apache Scala,** and **Flume** programming paradigm.
* Knowledge of **NoSQL** databases like **Hbase**, **Cassandra**, **MongoDB**, etc.
* Experience working in various Software Development Methodologies like **Waterfall, Agile SCRUM,** and **Test-Driven Development (TDD).**
* Have high enthusiasm and zeal to acquire domain knowledge.
* Strong attitude towards quick learning and hard work.
* Possesses good Interpersonal Skills, a team-working attitude, takes initiative, and is very proactive in solving problems and providing optimal solutions.
* Excellent knowledge in building **Micro Services** using **Spring** **Boot**, **Docker**, and **Kubernetes.**

**Technical Skills:**

|  |  |
| --- | --- |
| Programming Languages | J2SE & J2EE |
| Operating Systems | Win Family, Linux |
| J2EE Components | JDBC, Servlets, JSP, JPA |
| UI Scripting Languages | Java Script, AJAX, jQuery, JSON, Angular, Nodejs, ReactJS, Redux, Express, BackboneJS, ES6 |
| J2EE Frameworks | Apache Struts, Spring Framework |
| Web Services | SOAP, REST, JAX-WS, JAX-RPC, JAX-RS |
| Mark up Languages | HTML, DHTML, XML, XSLT |
| RDBMS Databases | Oracle, MySQL |
| NoSQL Databases | Hbase, Cassandra, MongoDB |
| J2EE App & Web Servers | Web Sphere, Web Logic, Apache Tomcat, JBoss |
| Versioning Tools | Clear Case, Tortoise SVN, CVS, TFS, GIT, Bit bucket |
| Build/Deployment/CICD Tools | Ant, Maven, Jenkins, Gradle |
| IDE’S & Tools | Eclipse, My Eclipse, STS, Intellij, Visual Studio |
| Bug Tracking Tools | HP QC, JIRA, Bugzilla |
| Unit Testing and Logging | Log4j, SLF4J Junit, Mockito |
| ORM Tools | Hibernate, MyBatis |
| Performance Tools | DynaTrace, JProbe |
| Cloud Technologies | AWS, GCP, Azure |
| AWS Cloud Services | EC2, S3, EBS, ECS, LAMBDA, ELB, AMI, RDS (Aurora), Redshift, Cloud Front, Cloud Trail, Cloud Formation, SQS, SNS, Step Functions, Fargate |
| Big Data Hadoop Ecosystems | HDFS, MapReduce, Pig, Sqoop, Hive, Oozie, HBase, Spark, Scala |
| Container Orchestration Tools | Docker, Kubernetes, Docker Swarm |

**Certifications:**

* Cloudera Certified Developer for Apache Hadoop – CCDH 410
* AWS Certified Solutions Architect – Associate - SAA

**Professional Experience:**

**Capital One, Plano, TX 01/2023 to present**

**AWS Java Engineer/Developer**

**Project: Trade Credit – Collections/Acquisitions**

**Description:**

Trade Credit is a platform that provides some of the services like Acquisitions, Authorizations, BITS, Core processing, etc. Acquisitions is the term used to describe acquiring new customers to TC which includes credit application intake, credit scoring, fraud checks, OFAC screening, Account lookup, fraud transactions detection, etc.

**Responsibilities:**

* Implemented new reusable components like load assignments, and updated assignments, and processed the collections from the existing legacy system in Python.
* Implemented and integrated AWS Step Functions for different phases.
* Implemented REST endpoints for different services like transactions API, auth orchestrator, etc., using Spring Boot.
* Implemented AWS CloudWatch alerts for the services.
* Integrated Email notifications making use of SNS and SQS for different microservices.
* Worked on configuring ALB, Route53 and CName for services like transactions api, orchestrator etc.
* Worked on updating Security Groups, cross region routing, policies etc.
* Worked on configuring, updating and testing AWS Lambdas.
* Developed unit and integration test cases for the majority of the modules of the application using Junit and Mockito.
* Implemented Kafka streams, topics, and listeners to process events.
* Involved in onboarding and integrating Splunk, New Relic, One Stream, Pager Duty, Slack, etc.
* Implemented Hard-cuts/soft-cuts functionality for different credit bureau reports like Equifax, Transunion, and Experian.
* Cross-train junior developers/interns on the product features that are implemented.
* Developed a few Microservices using Spring Boot, NodeJS, angular, ReactJS, python, etc.
* Actively involved in remediating the Security vulnerabilities for the services.
* Coordinating with various other teams like the Core Team, GandAuth Team, Splunk, and AWS Team to get proper inputs to ensure development at a fast pace.
* Used Angular framework to create a single-page application for Menards, BITS.
* Implemented a few lambda’s to integrate the system.
* Implemented ATDD test cases for different collection services.
* Created RESTful web services/APIs using NodeJS.
* Used different AWS services like SNS, SQS, Lambda, Fargate, Aurora, ECS, Cloud Watch, ELB, Route53, Step Functions, etc.
* Implemented user interface by using ReactJS for SPA development.

**Tools & Technologies:** Java 17, IntelliJ, Maven, GitHub, Spring Boot 3.X, REST/RESTful APIs, Spring 5, Agile Scrum, Jenkins, Bogie, NodeJS, Angular 16, ExpressJS, PostgreSQL, Docker, Jboss 7, JSON, Snowflake, Data bricks, Splunk, AWS, ReactJS, Sonar, Splunk.

**LinkedIn, Sunnyvale, CA 08/2022 to 01/2023**

**Senior Full Stack Engineer**

**Project: TPE – Custom Integrations**

**Description:**

Custom Integrations play a key role in the TPE. It deals with the internal establishment of the New Hire before they are on board. Custom Integrations connect the dots between all the external services like Workday, NHI, OLT, ELT, Smart Recruiters, DWH, HireIn, etc., and create the required basic setup for the new joiners.

**Responsibilities:**

* Develop and deploy multiple Microservices using multiple languages.
* Develop multiple lambdas using Python, NodeJS, and Java.
* Perform complex troubleshooting and development assistance to the Airflow jobs.
* Develop Microservices with 100% test coverage and write the TTDs.
* Involve in business meetings with different stakeholders for the new functionalities and propose feasible architecture solutions.
* Customize the CICD pipeline based on the new features.
* Remediate proactively the Security Vulnerabilities as and when they are populated.
* Integrate and develop Kafka topics using the pub sub-model.
* Implemented Kafka listeners to process Events and save them to db.
* Implemented Kafka streams and routed the input request to appropriate topics based on the business requirement.
* Designed multiple Splunk Dashboards based on the Cloud watch logs.
* Used Angular framework to create a single-page application that can bind data to specific views.
* Created multiple jobs in Databricks and integrated them to send daily status emails.
* Write complex code, technical articles, and tutorials on some of the basic to intermediate-level use cases using our SDKs.
* Used and configured Docker images to deploy different services.
* Perform troubleshooting sessions with the co-developers on API integrations.
* Develop ATDD test cases for all the new flows and missing existing functionality.
* Proactively test new feature releases, inclusive of complex areas of API and connectors to provide feedback for product improvement.

**Tools & Technologies:** Java 8, IntelliJ, Gradle, GitHub, Spring 5.x, REST/RESTful APIs, Spring Boot, Agile Scrum, Jenkins, NodeJS, Angular 14, Karma, Jasmine, ExpressJS, MySQL, Docker, Jboss 7, JSON, Kafka, Snowflake, Databricks, Splunk, Sonar, Airflow.

**Capital One, Richmond, VA 09/2020 to 07/2022**

**Sr. Full Stack Programmer**

**Project: Card Voice – Sage Coaching/CTR Call Recording**

**Description:**

Sage Coaching is a platform that provides some services like Delegation, Task, Session, and Disputes for the agents. CR Incentives is the originator for calculating Agent’s Incentives every month. From Sage Coaching we will maintain the data streaming, store audio, etc.

**Responsibilities:**

* Participating in daily SCRUM calls.
* Participating in design and architectural meetings with the team and reviewing/proposing the best architectural patterns for the application.
* Implemented ATDD test cases for Streaming Service and Incentives Service.
* Implemented a synchronization to the Streaming service to improve the performance.
* Involved in onboarding Streaming Services, Incentives Services, etc. to Splunk.
* Implemented Resiliency for Sage Coaching and other services using SQS.
* Implemented data streaming to Databricks and Snowflake.
* Cross-train junior developers/interns on the product features that are implemented.
* Developed a few Microservices using Spring Boot, NodeJS, angular, etc.
* Actively involved in remediating the Security vulnerabilities for the AWS services.
* Implemented OAuth security for different services.
* Coordinating with various other teams like the Qubits Team, Cloud Walkers Team, Splunk, and AWS Team to get proper inputs to ensure development at a fast pace.
* Used Angular framework to create a single-page application that can bind data to specific views.
* Implemented Batch Ingestion service to make different vendors SPOC.
* Implemented a few lambda’s to integrate the system.
* Implemented Sonar, and Eratacode to the Jenkins pipelines.
* Created RESTful web services/APIs using NodeJS.
* Developed unit and integration test cases for the majority of the modules of the application using Junit and Mockito.

**Tools & Technologies:** Java 8, IntelliJ, Gradle, GitHub, Spring 4.x, REST/RESTful APIs, Spring Boot, Agile Scrum, Jenkins, Bogie, NodeJS, Angular 6, ExpressJS, MySQL, Docker, Jboss 7, JSON, Snowflake, Databricks, Splunk, AWS, Sonar.

**Wells Fargo, Charlotte, NC 09/2019 to 09/2020**

**Sr. Java Programmer**

**Project: MaRS – Historical Simulations**

**Description:**

MaRS is an application where Wells Fargo will be calculating and analyzing the potential Risks in the Capital Market. By using Taylor’s algorithm, we calculate the Historical data by doing Valuation, Simulation, and Aggregation and provide reports to Management.

**Responsibilities:**

* Participating in design and architectural meetings with the team and reviewing/proposing the best architectural patterns for the application.
* Improve the Coherence integration by debugging and stabilizing the Intra-day code.
* Refactoring the code to facilitate ease of maintenance.
* Support our MARS application code in production by debugging errors and providing patches.
* Participating in daily SCRUM meetings.
* Mentor junior developers on product features that are implemented.
* Encourage innovation of process and creative development methodologies.
* Promote high quality, scalability, and timely completion of projects.
* Coordinating with various teams like the Valuation Team, Simulation Team, and Aggregation Team to get proper inputs to ensure development at a fast pace.
* Implemented different modules like calculating the Impact of the Curve based on the Pay up Adjustments multipliers.
* Implemented a completely new process for the FSPLE process from scratch.
* Calculated Delta, Gamma, Cross Gamma, Upshift, and Downshift of the curve.
* Used Angular framework to create a single-page application that can bind data to specific views.
* Developed reusable services and components using NodeJS, spring, and Angular 6 that improve the productivity of the development.
* Developed Transaction Handle utility for NodeJS applications.
* Developed unit and integration test cases for the majority of the modules of the application using Junit and Mockito.
* Used JSON documents with MongoDB NoSQL Database extensively. REST API calls are made using NodeJS, Mongoose, and bcrypt-NodeJS modules.
* Suggested and Integrated many tools to improve the productivity of the development team.

**Tools & Technologies:** Java 8, IntelliJ, Gradle, GitHub, Spring 4.x, REST/RESTful APIs, MyBatis, Spring Boot, Agile Scrum, Jenkins, NodeJS, Angular 6, ExpressJS, Karma, Jasmine, MySQL, Kubernetes, Docker, Jboss 7, jQuery, JSON.

**State Fund, Pleasanton, CA 02/2016 to 09/2019**

**Sr. Java Developer**

**Project: CARE - Claims Adjusting and Regulatory Engine**

**Description:**

CARE is the replacement for the ECF (Electronic Claims File). CARE is defined as a claims management tool that will streamline data entry, support the State Fund's core claim business with appropriate technology, provide superior claims outcomes, and enhance adjuster job satisfaction. CARE allows an adjuster to manage and valid claim from the beginning (establish a claim) to the end (maintain and eventually close the claim). CARE can generate letters and provide various management reports for internal use as well as some reports, such as the SROI Reporting, provided to the DWC. CARE interfaces with our DB2, Mitchell, and Smart Advisor, Team Connect, and Oracle payments.

**Responsibilities:**

* Coding and building the Service and business Layers using spring framework and Maven build.
* Analyzing the existing modules and providing the impact for the new functional requirements and proactively involved in full life cycle development activities.
* Developed the BPMN workflows using the Activity Modeler.
* Designed and developed a few of the views components using Java/JSP.
* Written JUnit test cases for newly developed modules and altering the existing junits.
* Involved in configuring and setting up the local environment for the new team members.
* Proactively identified the bottlenecks in the system and provided the solutions.
* Used Jenkins for the Continuous Integration of the project.
* Involved in daily standup calls and status meetings as part of the Agile Scrum methodology.
* Developed the code to invoke the RESTful web service (Spring REST Template) and for retrieving the 'LSU Referral' (Employee Level) data and processing the response which is returned in JSON format.
* Involved in Test Driven Development (TDD) methodology.
* Actively involved in implementing functionalities in almost all the flows of the project.
* Written many Utility methods that are useful across the modules.
* Involved in developing a few Microservices using spring boot to replace existing modules.
* Used Jenkins pipelines to drive all Microservices that build out to the Docker and then deployed to Kubernetes.
* Created, configured, and managed different Pods, Deployments, Services, etc. in Kubernetes.
* Used NPM to manage modules and use it to install/uninstall useful tools such as Grunt, Express, React, Redux, Axios, Passport, etc.
* Developed user interface by using ReactJS for SPA development.
* Achieved API calls from back end NodeJS using fetch and Axios.
* Worked on React-Router techniques Axios service to retrieve data from the server synchronously in the background.
* Worked with React JS components, Forms, Events, Keys, Router, Animations Flux concepts, etc.
* Effectively used the life cycle methods such as Initialization, Mounting, Updating, and Unmounting and invoked them at different phases of the component's life cycle to develop quality ReactJS user interfaces.
* Developed the backend by using NodeJS, Express, and MongoDB.
* Worked with Node.js to give a structure with rich API over a RESTful JSON interface.

**Tools & Technologies:** Java 7/8, Spring 4.2, Spring boot, Spring MVC, Spring JMS, REST/RESTApi, MyBatis, Activiti BPM, Agile Scrum, Oracle 11, Tomcat 8, Jenkins, Maven, MongoDB, Nodejs, ReactJS, Kubernetes, Docker, AWS, DynaTrace, Jboss 7, jQuery, JSON.

**BA Continuum India Pvt. Ltd., Hyderabad, India 02/2014 to 12/2015**

**Analyst I - Apps Programmer/Sr. Java Developer**

**Project: BCT - Interact Application**

**Description:**

Interact is a role-based integrated sales, service, and fulfillment technology platform for consumer and small business banking services. It can be defined as a collection of sub-applications consisting of a User interface, Middleware, batch processes, and a DB2 database. It is based on the Fidelity Information Systems product “Touch Point” which has been customized for Bank of America.

**Responsibilities:**

* Communicating with Management/Client on various reports (WBS, Shift Left Report, etc.) and getting requirements for the stories.
* I suggested and was able to implement successfully the Shift Left Strategy.
* Analyzing the existing applications and the impact of new functional enhancements.
* Involved in analyzing the business requirements for new Enhancements.
* Mentoring the team members and other LOBs on performance using dynaTrace.
* Provide recommendations to improve the performance of the application.
* Involved in the Dev QA collaboration meetings and understanding the requirements.
* Involved in configuring and setting up the local environment for the team.
* Involved in migrating Interact Application from IE9 to IE11.
* Rewritten different flows in IE11 compatibility mode.
* Responsible for fixing UAT User Acceptance Test defects.
* Created Dashboards and Sensor configuration and Memory Analysis using DynaTrace.
* Proactively taken the initiative to identify bottlenecks in the system. Proposed solutions and exhibited the breakthroughs successfully.
* Implemented Spring MVC, Dependency Injection (DI), and Aspect-Oriented. Programming (AOP) features for the application.
* Used Jenkins for the Continuous Integration of the project.
* Involved in daily standup calls and status meetings as part of Agile Scrum methodology.
* Actively involved in implementing functionalities in almost all the flows of the project.
* Written many Utility methods which are useful for all the modules of the project.

**Tools & Technologies:** Java, J2ee, JavaScript, HTML, Spring Framework, jQuery, JSON, Agile Scrum, Web Services, Tomcat 7, Jenkins, Maven, DynaTrace.

**BA Continuum India Pvt. Ltd., Hyderabad, India 09/2011 to 01/2014**

**Analyst I - Apps Programmer/Sr. Java Developer**

**Project: MYBCPlan**

**Description:**

My Banking Center plan application used by Market Leaders and Banking Center Managers, tool helps Banking Center managers to do a self-assessment of the branch and the assessment submitted by the ML’s and it helps Market leaders to assess the branches under him and track the action plans submitted by them.

**Responsibilities:**

* Involved in the design and development of the framework.
* Involved in the Database design model.
* Written spring flows for different modules like Self-Assessment, Action Plan, Schedule Visit, etc.
* Developed different templates in HTML for different flows.
* Written different queries for the ML and BCM roles.
* Involved in coding in all the layers like Presentation, Service Layer and DAO Layers.
* Implemented Spring MVC, Dependency Injection (DI), and Aspect Oriented Programming (AOP) features for the application
* Mentoring the team members for there are any new components introduced.
* Involved in daily status calls with the Business to understand the requirements.
* Involved in Performance Tuning of the Application using the DynaTrace tool.
* Developed different modules in spring using Spring Hibernate.
* Used Tomcat for deploying the application in a lower environment.
* Written Stored Procedures, Joins, Pl/SQL Functions, Sequences, Indexes in MySQL
* Designed and developed the controller classes, service classes, DOA, and entity classes using Spring Framework, JPA, Hibernate, and Hibernate Annotations
* Involved in writing Spring Controllers and AOP implementations.
* Utilize Object Mapper to handle JSON data binding for Request and Response objects.
* Developed several REST web services supporting both XML and JSON to perform tasks using the Jersey framework.

**Tools & Technologies:** Java\J2ee, Spring Framework, Hibernate, JSP, JSON, Tomcat, DynaTrace, jQuery, Ajax, Restful Web Services, Jersey, Maven.

**Employer: Virtusa (India) Private Limited, Hyderabad, India (04/2008 – 08/2011)**

Client: FIS Global

Title: Sr. Java Developer

Duration: 01/2011 to 08/2011

Project: EDS Performance Engineering

Client: Metavante Corp

Title: Sr. Java Developer

Duration: 02/2010 to 12/2010

Project: Metavante-Link2Gov

Client: Thomson

Title: Sr. Java Developer

Duration: 04/2008 to 01/2010

Project: Thomson Pharma PDI

**Employer: InfoQuest Software Solutions, Hyderabad, India (05/2006 – 08/2008)**

Client: State Government of Goa

Title: Developer

Duration: 06/2007 to 04/2008

Project: GIOSM (Global Integrated Order & Service Manager)

Client: Softpro’s Inc.

Title: Developer

Duration: 05/2006 to 05/2007

Project: CTIP (Communications Technician’s Integrated Platform)

**Education:**

Master of Computer Applications from Sikkim Manipal University, India.