**Sandeep Kumar Vinjamoori**

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**Sr. Java Full Stack Developer**

**PROFESSIONAL SUMMARY**

* **Java Developer** with 7**+ years** of experience in analysis, design, implementation and testing of Object-Oriented Applications using **Core Java/J2EE.**
* Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TTD), Incremental** and **Iteration methodology, Agile Development** &**Testing using Software Development Life Cycle.**
* **Experienced in Development, Testing and Deployment of enterprise applications on Windows, Linux and UNIX platforms using IDEs such as Eclipse, NetBeans, IntelliJ14.x/15. x.**
* Expertise in design patterns including **Data Access Object, Session Façade, Business Delegate, Service Locator, Data Transfer Object** and **Singleton**.
* Experience in **Microservices, Pivotal Cloud Foundry** and Engagement using **Spring Boot**.
* Strong experience in Spring Framework modules such as **Spring Core, Spring DAO, Spring IOC, Spring MVC, Spring ORM, Spring AOP, Spring Boot, Spring Netflix and Spring Web flow.**
* Extensive work experience using **Web Services (REST, SOAP)** and Service Oriented Architecture.
* **Strong experience in Spring Framework modules such as Spring MVC, IOC, AOP, JDBC, JTA, IO, ORM, Spring Dashboard, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Zuul Proxy.**
* Implemented **SOA** to develop **Spring Restful/Microservices and implemented Spring Eureka, Netflix, Ribbon** as part of Services Discovery using **Eureka**.
* Extensive experience focusing on services like **EC2, VPC, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS**, **Elastic Search**
* Configured **AWS Identity and Access Management** (IAM) Groups and Users login authentication
* Worked with **Docker** and **Kubernetes** on multiple cloud providers, from helping developers build and containerize their application (**CI/CD**) **pipelines** to deploying either on public or private cloud.
* Developed applications using latest technologies like **EJB3.2, Spring 4.0/5.0, Spring Boot, Hibernate 5.3/5.4 and REST based Web services (Axis2.0, JAX WS 2.0, JAX RS), Rule Engines (Drools4.1), JBPM tools**.
* Experience in developing **CI/CD** system with **Jenkins** using **Kubernetes** on Kubernetes container environment.
* Experience in working on **Maven**, **Gradle** and **Ant** for project build and logging tools as **Log4J2** and **Splunk**
* Experience with version controller tools as **GIT, SVN and CVS.**
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL** databases like **MongoDB**, **Cassandra** and **CouchDB**
* Experienced in performing unit testing using **Selenium, Cucumber, Junit, Mockito, Mock MVC, JMeter, J-Test.**
* Implemented **Log4j2** to log errors and messages for ease of debugging.
* **Experience in creating Docker images, Containers, push/pull and integrating with Spring Boot.**
* Experience with streaming platforms like **Apache Kafka**and messaging services **RabbitMQ, Zookeeper**.
* Expertise in design and development of various web and enterprise-level applications using Java/J2EE technologies using **Core Java**, **Servlets,JDBC, JSP, Hibernate, Spring, Web Services.**
* Experience in **Angular 6/7/8**along with Bootstrap, CSS3/4 to create reusable components for RWD applications.
* Experience in developing Web-centric applications using **XML, Angular.js, JavaScript, jQuery, CSS**.
* Experience in developing cross platform server-side applications using **Node.js** to achieve scalability in real-time web applications.
* Good knowledge in Angular 8.0 directives to create reusable elements and attributes, along with easy to test and maintain client-side interactivity in web applications.
* Developed single page applications using **Angular 9**, **Typescript, Declarative User Interface, POJO.**
* Experience in **Angular 9** features like **dynamic unloading, dynamic loading, virtual scrolling** for faster experience for users and drag drop module automatic rendering has become a possibility.
* Experience on AJAX frameworks as **DOJO**, **JSON** while designing integration components using **JMS** and **MQ**.
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using **Hibernate Query Language** (HQL), HSQL Named Queries, Criteria, Projections.
* Good experience on SOA architecture and web services **(SOAP, WSDL, UDDI)** using **Apache Axis2** and **RESTful** web services in java with **JAX-RS** reference implementation **Jersey**.
* Proficient in using Amazon Web Services **AWS**. Extensive experience focusing on services like **EC2, VPC, RDS, ELB, Route53, Lambda, IAM, Cloud Watch, S3, Glacier, SQS, SNS.**
* Configured **AWS Identity and Access Management** (IAM) Groups and Users for improved login authentication.
* Experience in configuring and deploying the applications into **Tomcat, WebSphere, WebLogic**, **JBoss, Glassfish** Servers.

**TECHNICAL SKILLS**

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| **Languages** | Java 8, PL/SQL, SQL. |
| **Web Technologies** | HTML5,CSS3/4, JavaScript, AJAX, jQuery, NodeJS, ReactJS, Angular6/7/8/9, Bootstrap |
| **Applications:** | Oracle/BEA, WebLogic 8.1/9.1/10.3, IBM WebSphere 17.0/18.0/19.3, Jboss, Tomcat 8.0.X/8.5.X, Jenkins, Cucumber. |
| **IDEs** | Eclipse, Spring STS, IntelliJ, NetBeans. |
| **Java/J2EE Technologies** | Servlets, JSP, JSF, JDBC, JMS, JAXB, JAX-WS, JSTL, Design patterns, JPA, Hibernate. |
| **Methodologies** | Agile, Scrum, TDD, OOAD, SDLC Waterfall model. |
| **Cloud Environments** | AWS, EC2, S3, Cloud watch, ELB, EBS, RDS, SNS, VPC, Lambda, Pivotal Cloud Foundry |
| **Message Brokers** | Kafka, RabbitMQ, ActiveMQ, IBMMQ, TIBCO |
| **Testing technologies/tools** | JUnit, JMeter, Mockito, Selenium, cucumber, Jenkins. |
| **Database** | SQL, MySQL, MongoDB. |
| **Version Control** | SVN, Git |
| **Build Tools** | ANT, Maven, Gradle. |
| **Spring Tools** | Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Swagger UI, and Spring Zuul. |

**PROFESSIONAL EXPERIENCE**

**Client: Capital One Sept 2021 – Till date**

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

**Description:** Getinsured has developed an application known as Account Management System used to store the membership details of its subscribers enrolled under Getinsured Healthcare plan which provides a user interface for making modifications to customer account details and performing customer lookup functions. On the technology side, the company does penetration testing and social engineering testing with 3rd parties and the company itself. The company trains its workforce around HIPAA, security, and privacy.

**Responsibilities:**

* Understand the complete flow and found various gaps in current system Designed the new flow for faster creation of reports and posting. Removed complex logics and built more stable and simple code logics.
* Prepared **User stories** corresponding to the features taken from **Backlog**
* Comprehensive experience in using **Node.js** and **Spring Boot** implementing RESTful web service.
* Hosted and consumed **RESTful** Web services using **JAX-RS** API with spring Boot.
* Used advanced **java 8** features like **Lambda expressions** for array operations, Streams, Method reference, collections. Enhanced concurrency methods etc. throughout the application for well-defined programming.
* Developed Microservices using RESTful web services to provide all the **CRUD** capabilities.
* Developed **Microservices** with **ZUUL** to retrieve API routes for the entire cluster. Using this strategy each Microservice in a cluster can be load balanced and exposed through one API gateway.
* Used **Microservice** architecture with **Spring Boot** based services interacting through **REST** and used **Executor Service framework** to implement multithreading in programming to improve overall performance.
* Deployed Production ready Java applications using **Elastic Beanstalk**, where it auto configures the capacity provisioning **through Autoscaling, load balancing**, application health monitoring and Proficient in using **Amazon Web Services AWS.**
* Responsible for implementing frontend features, APIs, internal tools and processes in Node.js centered stack.
* Extensively used npm tools like Gulp, Grunt, Web pack.
* Applied significant knowledge of industry trends and developments to improve service to our clients.
* Used **Multithreading** extensively to improve the performance of the application.
* Involved in capturing the business requirements, design, development and testing of the application.
* Designed a responsive website using **Bootstrap** grid system to layout contents that fit different devices including mobile, tablet and desktop.
* Used **Cassandra NoSQL DB** to store the data for application.
* Built Web pages that are more user-interactive using **AJAX, JQuery**.
* Responsible for setting up **Angular 9** framework for UI development. Developed html views with **HTML5, CSS4, bootstrap and Angular 9**.
* Implementing or exposing the **Microservice** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Developed **microservices** with **Spring** to retrieve API routes for the entire cluster. Using this strategy each microservice in a cluster can be load balanced and exposed through one API gateway.
* Implemented **microservice** architecture using **Spring boot** and **Spring REST** to create **REST endpoints** and integrated **Swagger** to get dynamic documentation.
* Configured **Swagger** for auto-generated documentation for all REST API calls.
* Deployed **Docker** contained Spring **REST** services in to**AWS EC2** container service using **AWS** admin console and used lambda to run applications in **AWS** console.
* Used Amazon Web Services (**AWS**) like **EC2, S3, and Elastic Search**.
* Experience with building **Docker Images** and running them on **Docker container**.
* Used **Docker** to implement a high-level API to provide lightweight containers that run processes isolation and worked on the creation of customized Docker container images.
* Experienced in build, deploy multi module applications using **Gradle** and **CI** servers like **Jenkins**.

**Environment: Angular 8, HTML5, CSS3, JavaScript, jQuery, AJAX, JSON, TypeScript, Jenkins, GIT,Agile, TFS, REST, log4j2, Hudson, Spring MVC, Spring Framework, Spring Boot(Microservices), Apache Kafka, Docker, JAX-RS, Junit, Mockito, STS 4, Gradle, Swagger, Oracle, SOAPUI, Postman, Ec2, AWS lambda, Hibernate, Data Stax, Cassandra.**

**Client: Synchrony Apr 2019 - Jun 2021**

**Role: Java Full Stack Developer**

**Description:**

Drilling Insights (Phantom) is an analytics platform aimed at improving operational efficiency of the drilling process. The application is developed using various services contributing to a microservice design pattern. The user logs into the application using his SSO credentials. The landing page enables the user to search for a particular well and upon selection, takes the user to a page that shows information about the Well.

**Responsibilities:**

* Followed **Agile Methodology** to analyze, define, and document the application which will support functional and business requirements.
* Created **Angular** service and integration with **RESTful APIs**. Used **Angular** Http Client to send GET/POST request to fetch data from server and built **Angular 8** components, **UI** services to consume rest services using Component based architecture provided by **Angular 8.**
* Actively participated in the daily **scrum** meetings to produce quality deliverables within time information and helped clearing ambiguity in requirements document.
* Implemented various features of **Spring framework** such as **Dependency Injection, IOC, Annotations**, **Spring Security** and **Spring integration** with **Angular 8**.
* Used advanced java 8 features like **Lambda expressions** for array operations, **Streams**, **Method reference**, **Collections**. Enhanced **concurrency** methods etc. throughout the application for well-defined programming.
* Used **Spring** framework including **Spring core/IOC, Spring Batch, Spring Boot, Spring Security, Spring ORM, Spring AOP modules.**
* Created multiple reusable components and services using Angular 8 built-in and custom directives.
* Used Angular 8 and Node.JS to structure JavaScript code in an MVC (Model, View, and Controller).
* Used **Annotations** for Dependency Injection for **REST API** s and **Spring Boot** for **Microservices.**
* Implementing or exposing the **Microservice** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Implemented **Microservice architecture** using **Spring boot** and **Spring REST** to create **REST endpoints** and integrated **Swagger** to get dynamic documentation.
* Used **Spring Framework AOP Module** to implement **logging** in the application for the application status.
* Involved in setting up **Spring security** in securing the app based on user roles.
* Used **Spring IOC (inversion of control)** to remove the object dependencies across the application.
* Implemented the Spring-Security and Transaction Management (Spring-TX) in the Application.
* Implemented the application using **Spring** **Boot** Framework and handled the security using Spring Security.
* Create RFP (Request for Proposal) micro service to provide RESTful API utilizing **Spring** **Boot** with Spring MVC.
* Used **Apache Kafka** for reliable and asynchronous exchange of information between business applications.
* Build **REST/SOAP** based Services for all user-based operations like enroll user, modifying user and authenticate user depending on risk factor of the user login.
* Developed and consumed **REST** based Web services to allow communication between the applications.
* Designed and developed business and persistence layer components using **Spring IOC** and **Hibernate** and **Spring** framework.
* Used **Hibernate** as **ORM** tool for data persistence and retrieval of data like information of current customer enrolment etc.
* **Experienced HQL, Named Parameters, Named Queries and Interfaces such as Expression, Query and Criteria for implementation of Hibernate template and extensively used Hibernate Cache.**
* Wrote complex **SQL** queries, Stored Procedures using **SQL developer** &**TOAD**, executed on **Oracle** DB.
* Deployed **Spring Boot** based microservices into **Docker container** using **Amazon EC2** container services.
* Used **Amazon Web Services (AWS)** like **EC2, S3, cloud watch and Elastic Bean Stalk** for code deployment
* **Experience with building Docker Images and running them on Docker container.**
* Performed the technical design reviews and code reviews.
* Developed **unit testing** framework using **JUnit** test cases for continuous integration testing and used **JTest** Tool for performance testing.
* Created the **Docker** containers and **Docker** consoles for managing the application life cycle.
* Containerized Microservices by creating **Docker images** from **Docker file** collaborated with development support team to set up a continuous deployment environment using **Docker**.
* Used **JIRA** to assign, track, report and audit the issues in the application.
* Configured and administered **Jenkins** for **CI/CD** into **Tomcat** Application Server.
* **Used STS for development and debugging Spring Boot applications and used GIT for version control.**

**Environment**: **Java8/J2EE, Spring Boot, Angular 8, Spring Security, Eureka, Docker, Hibernate 4.x,Microservices, Hystrix Dashboard,** **Oracle 12c, REST, Kafka, AWS IAM, Git, JIRA, Agile, Swagger, STS, Junit, Maven, Selenium, Jenkins, Tomcat.**

**Client: Experian Feb 2018 – Mar 2019**

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

**Description:** Rave offers customized mobile phone services and associated services. It helps communities connect and mobilize during critical events. Thousands of police and fire departments, 911 agencies, emergency medical services, schools and businesses and millions of people trust Rave to make their communities safer. Presently we are focusing on safety applications and now claims over 1,400 higher education institutions now use their emergency notification system and/or mobile safety apps.

**Responsibilities:**

* Working as a full stack developer responsible for Web, middle tier, and Databases in the development of web application.
* Implemented various **J2EE design patterns** like **Singleton, Factory, Builder** etc.
* Worked in **Agile** framework as an individual contributor Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria.
* Responsible for creating efficient design and developing User Interaction screens using **HTML5, CSS3, JavaScript, Bootstrap, AJAX, Vue.js and JSON.**
* Used **Angular 4** for the logical implementation part at client side for all the application.
* Enhanced application performance by **Angular 4** Component based development in view of future Angular framework transitions.
* Extensively used **Java 8** features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Used Streams and Lambda expressions available as part of **Java 8** to store and process the data.
* Developed server-side application to interact with database using **Spring Boot** and **Hibernate.**
* Responsible for developing the sequential and conditional batch jobs using the **Spring batch** framework. Excellent knowledge on Spring Core such as Dependency Injection, Annotations and XML based Configurations.
* Implemented and developed **Hibernate configuration** and **session-per-request design pattern** for making **database connectivity** and accessing the **session** for **database transactions**.
* Hands on experience in developing several **Microservices** using **Spring boot, jersey, swagger** to communicate through **HTTP** protocol for implementing **SOA** approach and web services.
* Implemented **REST Microservices** using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Designed and developed asynchronous **Restful Microservices** using Spring boot, Couchbase and RXJava that are consumed by other microservices with an average response time of 30 milliseconds
* Worked on Rest API and **REST/JSON** to test the developed webservices and sent the payload data.
* **Microservices** have been built using **Spring boot**, **Spring security** and deployed to **AWS cloud**.
* Experienced with installation of **AWS** CLI to control **AWS** services through SHELL/BASH scripting.
* Created **AWS S3** buckets, performed folder management in each bucket, managed cloud trail logs and objects within each bucket.
* Experienced with event-driven, scheduled **AWS** Lambda functions to trigger various resources. Involved in writing Java API for Amazon Lambda to manage some of the **AWS** services.
* Used **AWS SDK**for connection to **Amazon S3**buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Worked with **Docker** container infrastructure to encapsulate the code into a file system with abstraction and automation.
* Configured the **Docker** Containers and creating **Dockers** files for different environments.
* Used **JBOSS** for application deployment and **stage testing** and Created **Junit test cases** to test the codes and validate the release.
* Consumed stream of records using Producer and Consumer APIswith **Spring** for **Apache Kafka**.
* Used **Spring Kafka** API calls to process the messages smoothly on Kafka Cluster setup.
* **Junit, log4j** were used for unit testing and as **logging frameworks**.
* Designed and developed database objects like Tables, Views, Stored Procedures, User Functions using **PL/SQL, SQL** and used them in WEB components.
* Worked on **CI/CD** tool Jenkins to automate the build process from version control tool into testing and production environment.
* Supported **debugging** and **fixing** of reported **production errors** by customers through the **QA team**.

**Environment**: **Java 8, Spring, HTML 5, CSS 3, Bootstrap, JavaScript, Angular 4, Typescript, Restful API, Hibernate, JPA, Microservices, Spring Boot, AWS Cloud, Apache Kafka, PL/SQL, MySQL, JBoss, Docker, CI/CD, Log4J, Maven, Windows, Junit, JIRA.**

**Client: Wells Fargo Mar 2016 - Feb 2018**

**Role: Java Developer**

**Description:** Orpine specializes in Cloud, Analytics, Internet of Things, Automation, and the talent that supports each of these areas. We offer application services including software development, project management moreover training, as well as engineering solutions that encompass energy services and AMI services (Automated Metering Infrastructure).

**Responsibilities**:

* Involved in phases of **SDLC** of the project and itis including the design, **Agile** software development, installations, integrations and testing to complete the requirements.
* Interacted with the business requirements, analyze, design the system used various **UML diagrams.**
* Used **HTML, JSP, JSTL** tag libraries and struts tiles to develop the presentation tier.
* **XML** code is used to transfer the application data between **client and server**. In server-side, **Servlets** is used to construct and parse the data in XML format and in **client-side Java** is used.
* Designed generic **XML** document and **XSD** document specifications for extensibility.
* Application has been developed based on **Model View Controller (MVC)** architecture Using **Struts**.
* Developed Java beans, helper classes and **Servlets** for interacting with UI written in **JSP**.
* Wrote a controller **Servlet** that dispatched requests to appropriate classes.
* Involved coding **SQL Queries, Stored Procedures and Triggers.**
* Developed the application using Core Java concepts like **Multi-Threading, Swing, Spring, Structs,** and worked on new features of **java 1.5** such as **Enum, Annotations.**
* Developed **JSP’s**, Action classes and **EJB**s for user transactions.
* Developed **Generic Java Scripts** functions for validations.
* Used **J2EE** Design patterns and Data Access Object (DAO) in the integration tier layer of the project.
* Used **JDBC** in the Enterprise Java Beans to access the **Oracle** Database
* Database Development includes **PL/SQL** stored procedures, views, indexes, triggers, and constraints are used to reduce the response time in the application.
* Designed and developed stored procedures for data validation and access.
* Involved in coding for **JUnit** test cases, **ANT** building the application.

**Environment: Agile, Java, J2EE, Struts, EJB, JSP, JSTL, Swing, Enum, JDBC, DAO, Windows, SQL Server 2005, PL/SQL, XML, Web Service, JDBC, JavaScript, ANT**.