**SHRAVYA**

**Java Developer**

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**Professional Summary:**

* 9+ years of experience in design, development, maintenance and production support of Java/J2EE applications.
* Working knowledge of the multi-tiered distributed environment, OOAD concepts, a good understanding of Software Development Lifecycle (SDLC) and Service Oriented Architecture (SOA).
* Practical experience in client projects and product development with agile methods(SCRUM&KANBAN).
* Good exposure to Service Oriented Architecture (SOA) such as Web Services including SOAP, WSDL, JMS (Java Messaging Service), AJAX.
* Designed and developed web UI screen using Angular JS.
* Expertise in Core Java Such as OOPs, **Collections,** Exceptions Handling, Input/output (I/O) System, Swing, Annotations, Enums, Concurrency, Multi-Threading, **Lambda,** and **Generics.**
* Experience in designing and building dynamic and user interactive websites using JavaScript, Angular JS, jQuery, Webflux, Bootstrap,

Node Js and also familiar with other JS frameworks like React JS, Backbone Js, Express Js.

* Developed Angular JS Controllers, Services, filters and directives for various modules in the application.
* Experience in working with Core-Java and Multi-Threading applications.
* Expert knowledge of J2EE Design Patterns like MVC Architecture, Front Controller, Session Facade, Business Delegate and Data Access Object for building J2EE Applications.
* Experienced in developing applications using all **Java8/J2EE** technologies like **Servlets**, **JSP**, **EJB**, **JDBC etc**.
* Experienced in working with Amazon **AWS**/**EC2**/**EMR**/**S3.**
* Experience in infrastructure automation using **Chef** & **Docker**.
* Experienced working on Continuous integration and build tools such as **Jenkins** and **GIT, SVN** for version control.
* Developed applicationsusing **HIBERNATE** (Object/Relational mapping framework).
* Experienced in developing **Web Services** using **JAX-RPC**, **SOAP** and **WSDL**.
* Thorough knowledge and experience of **XML** technologies (**DOM, SAX parsers**), and extensive experience with **XPath**, **XML schema**, **XML SPY**.
* Experience in using **React JS** framework to develop the **SPA**.
* Experienced in **ReactJS** and working with **Reach Flux architecture**.
* Ability to learn and adapt quickly and to correctly apply new tools and technology.
* Experience in building web applications using Spring Framework features like MVC (Model View Controller), AOP (Aspect Oriented Programming), IOC (Inversion of Control), DAO (Data Access Object) and template classes.
* Experienced in working with batch jobs using Spring-Batch, Autosys, and Quartz.
* Implemented kotlin with android content providers for implementing features like sending E-mails, SMS, etc.
* Experience in installing, configuring, tuning IBM Web Sphere 6.x/5.x, BEA Web Logic 8.1/9.1, Apache Tomcat 5.x/6.x, JBoss 5.x/ 4.x.
* Good Knowledge of using IDE Tools like Eclipse, IntelliJ Idea, Net Beans, J Builder, for Java/J2EE application development.
* Expertise in database modeling and development using SQL, T-SQL and PL/SQL in Oracle (9i, 10g, 11g), DB2 and SQL Server environments.
* Involved in Performance analysis and improvements of the application using tools like JMeter and using commands on Unix box to resolve deadlocks and improve performance.
* Strong communication and analytical skills with very good experience in programming & problem solving.

**Technical Skills:**

* C, C++, Java, Python, Spark, J2EE, Scala, SQL and PL/SQL.
* HTML5, CSS3, Bootstrap, Kotlin for android development, JavaScript, jQuery, AJAX, Angular JS, Angular 6 Node JS, XML, XSD, XSL/XSLT, SAX/DOM, DOJO and JSON.
* Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, Spring Webflux, JSF, JUnit, Apache CXF, SOAP UI, GWT, Jersey.
* ANT, MAVEN, Jenkins, Bamboo, Gradle.
* SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Micro services, Apache Axis and Apache CFX.
* Amazon Web Services (EC2, SQS, RDS, IAM, S3), Pivotal Cloud Foundry and Spring Cloud.
* Web Sphere, Apache, Apache Tomcat, JBOSS EAP, Web Logic Server and Apache Camel.
* Oracle, SQL-Server 2005, MySQL server, MS SQL, IBM DB2, NoSQL DB (MongoDB).
* Eclipse, Net Beans, Spring Tool Suite (STS) and IntelliJ IDEA.
* Selenium, TestNG, JUnit, TOAD, Soap UI, Putty, Mockito.
* GIT, CVS, SVN, SharePoint, Junit, Ant, Jenkins, Maven, Log4j.
* Linux, UNIX, Windows

**PROFESSIONAL EXPERIENCE**

 **CVS Health –Remote July 2022 - Present**

**Role: Senior Software Engineer**

# Responsibilities:

* As the dev engineer from a team of ten engineers, I drive technical decisions for developing features for the CVS MinuteClinic application.
* Work in Agile Feature-Driven development and scrum method of project management
* Actively participate in design sessions and process advances
* Provide data support for the internal teams and create and expose REST APIs with Swagger definitions
* Participate actively in the design and development of a reusable web component using Stencil, enabling users to search for MinuteClinic services based on conditions and symptoms, with MongoDB Atlas powering the backend.
* Implemented Blue-green deployment which allows for zero downtime and easy rollback by running two parallel environments and switching traffic between them by minimizing risk, enables controlled updates, and ensures a seamless user experience.
* I participate in various SCRUM ceremonies, collaborating with the Product and Engineering Manager to refine and prioritize work items regularly to deliver value effectively.
* I have leveraged Playwright to enhance front-end automation testing. By developing comprehensive end-to-end tests, to ensure robust coverage and stability for web applications
* Develop Sink connectors to push the data into NoSQL databases like MongoDB and change streams.
* I developed a headless content management solution using Adobe Experience Manager (AEM) to deliver seamless content delivery across multiple channels, including web, mobile by leveraging AEM's powerful content repository and APIs.
* I develop state-of-the-art reusable UI components using **StencilJs** and Angular, adhering to WCAG standards.
* I create REST API-based microservices using **Node**.**js** and **NestJS**, which are deployed with Kubernetes to help users discover and navigate services offered by MinuteClinic.
* I write unit tests using Jest and end-to-end automation tests using Playwright, which help improve code coverage, stability, and reduce breaking changes.
* I create and manage CI/CD pipelines using Jenkins, **CircleCI**, and **Harness** to facilitate code deployments to GCP App Engine and Google Kubernetes Engine (GKE).
* Comparing performance of streaming applications on **Spark** and **Flink**.
* Developed snippets of **Java** code which can run on **Flink** in the standalone mode on my local machine.
* I facilitate production releases through feature flagging with **LaunchDarkly**, documenting required steps using the IQOQ process, and monitoring production **CI/CD** pipelines.
* Developed the monolithic application and involved in migrating existing monolithic application into **Micro Service Architecture** based **RESTful Service** and deployments were done on **AWS.**
* Designed and developed **Micro Services** business components using **Spring Boot, Spring Webflux.**
* Involved designing web pages using HTML 5, CSS3, JavaScript, Bootstrap, SASS, LESS, Mongo DB.

**Technology:** Agile/Scrum Methodology, NodeJS, Angular, Stencil, Docker, Terraform, Kubernetes, GCP, Circle CI, Harness, Playwright, MongoDB Atlas, Apache JMeter, Launch Darkly Spring Boot, Spring Webflux, Spring Batch, Node js, Micro Services, Docker, , REST API, Oracle, Mongo DB, , Maven, Git, Splunk, Sonar Qube

**Buysafe Inc. – Virginia, VA Nov 2019 – July 2022**

**Role: Senior Software Engineer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modeling, analysis, design, development, and testing.
* Work in Agile Feature-Driven development and scrum method of project management
* Actively participate in design sessions and process advances
* Provide data support for the internal teams and create and expose REST APIs with Swagger definitions
* Work on designing, writing and operationalize new Kafka Source Connectors like JMS Source Connector
* Create and destroy **Kafka** topics and implement Kafka API to create a producer and consumer applications
* Create Spring Boot applications to develop **KStream** components, pipelines and deploy them to KStream clusters
* Develop AVRO Schemas for the Streaming applications and work on converters to convert information in different formats to AVRO format.
* Use Schema Registry API to push and pull the AVRO schemas
* Develop Sink connectors to push the data into NoSQL databases like MongoDB and change streams.
* Used **Java** **8** features like stream and Lambda expressions.
* Maintained **Interface** compatibility and **concurrency** in the project using **Java 8** new features like default, static methods and Concurrency API.
* Used **Java8 Method References** feature to point to methods by their names and used **functional Interfaces.**
* Used **Spring Batch** for processing large amounts of data like transaction management, job processing, resource management and logging.
* Used **Hibernate** **ORM** **framework** as persistence engine and wrote **Hibernate** **Queries** to automate the mapping between **Oracle** database and **Objects** in **Java**.
* Involved in writing **SQL** and **Stored Procedures** for handling complex queries with help of **TOAD** and accessing them through Java Programs from **Oracle Database**.
* Developed the monolithic application and involved in migrating existing monolithic application into **Micro Service Architecture** based **RESTful Service** and deployments were done on **AWS.**
* Developed Microservices with spring JPA and Improved database throughput using lightweight Hikari Pool.
* Designed and developed **Micro Services** business components using **Spring Boot.**
* Developed a strategy for processing files from Amazon S3 Bucket to Network file share and vice versa
* Create AWS Lambdas and SQS Queues subscribing to SNS topics.
* Used **AWS** **Cloud** **Watch** to monitor the application and to store the logging information.
* Involved in creating the automated pipelines in AWS ECS using services like cloudFormation, codeBuild, codeDeploy, S3.
* Involved in maintaining the reliability, availability, and performance of Amazon Elastic compute cloud(Amazon ec2) instances.
* Integrate Spring-based REST APIs with the Siperian Integration Framework to establish service to service calls and extract data from the large relational database tables
* Involved designing in web pages using HTML 5, CSS3, JavaScript, Bootstrap, SASS, LESS, React.js, Redux, Mongo DB.
* Used JUnit framework for unit testing and Log4j to capture runtime exception logs.
* Expose the REST APIs to the downstream applications and act on new requirement changes
* Involved in tracing the production incidents on Kanban dashboards.
* Involved in android development using kotlin and java.
* Work with Continuous Integration and Continuous Delivery pipelines like Jenkins and manage git branches
* Create Jenkins deployment pipelines for each of the micro services and integrate test coverages into it
* Work with JBoss containers to deploy and execute the application
* Write JUnit’s and generate test coverage for the Streaming processors and improvise the JUnits for the existing Spring applications
* Work with the QA testers, provide insight of the tasks features and assist them to complete the in-sprint testing of
* Focus on continuous enhancement of the application excellence and responsiveness of the application

**Technology:** Agile/Scrum Methodology, Java, Python, Spark, Spring Boot, Spring Batch, Node js, React.js, Kafka, AWS, Lambda, Micro Services, JBoss, Tomcat, Docker, Kubernetes, REST API, Oracle, Mongo DB, PL/SQL, AWS IAM, EC2, S3, RDS, SQS, IntelliJ, JUnit, Maven, Git, Bitbucket, Splunk, Toad, Sonar Qube, New Relic.

* 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.
* Use Maven to build the application and deployed on **Web Sphere** Application Server.
* Used **GIT** as version control tool.

**Technology: Java** 8, J2SE, HTML5, CSS3, AWS, jQuery, Ajax, Rabbit MQ, Kafka, Angular JS, Node JS, JSON, J2EE, Spring Framework, Spring MVC, Hibernate, Docker, Micro Services, Kafka, Apigee, Bootstrap, Web services, Restful, RAD, Python, Web Sphere, Sonar Qube, Agile/Scrum Methodology, Maven, JIRA, JBoss, JUnit, TDD, MongoDB, GITHUB.

**IFB SOLUTIONS – Winston-Salem, NC Jan 2018 – Nov 2019**

**Role: Software Engineer**

**Responsibilities:**

* Involved in analysis, specification, design, implementation and testing phases of Software Development Life Cycle (SDLC) based on the functional requirements.
* Application is implemented using agile methodology where there is a daily **SCRUM** meeting to understand the status and resolve any issues.
* Upgraded existing UI with **HTML5, CSS3, jQuery,** **Bootstrap** and **Node.js** interaction.
* Used **Node.js** for building web applications with client-server architecture, where both can initiate communication in two-way connections and allow them to exchange data.
* Implemented the application using **Spring IOC, Spring MVC Framework, Spring AOP, Spring Boot, Spring Batch**, and handled the security using **Spring Security.**
* Designed and developed the End Points **(Controllers), Business Layer**, **DAO Layer** using **Hibernate/JDBC** template and **Spring IOC (Dependency Injection).**
* **Spring MVC** model integration for front-end request action controller.
* Used **Apache Axis** Service Engine for creating and deploying Web Service clients using **SOAP**.
* Consumed **SOAP** and **Restful web services** in **SOA** environment and used **SOAP UI** for testing.
* Developed the persistence layer using **Hibernate** Framework**,** created the **POJO** objects and mapped using **Hibernate annotations** and **Transaction Management.**
* Extensively used hibernate named queries, criteria queries, **Hibernate Query Language (HQL)** and Optimistic Locking and Caching to process the data from the database.
* Involved in creating various Data Access Objects (DAO) for addition, modification and deletion of records using various specification files.
* Developed persistence API's that can store data synchronously and asynchronously to **Cassandra** data store with batching.
* Created flows on messaging using **ActiveMQ.**
* Involved in android development using kotlin and java.
* Extensively used **JUnit** for unit testing, integration testing and production testing.
* Involved in installing and configuring **Maven** for application builds and deployment.
* Worked with **IntelliJ** and used **Maven** build tool to achieve more functionality for build process.

**Technology:** Java, HTML5, CSS3, Bootstrap, jQuery, Node.js, Spring IOC, Spring MVC, Spring Batch, Spring Boot, Spring Security, XML, XSD, SOAP, Restful, ActiveMQ, Cassandra, Log4j, SOA, Oracle, Apache Tomcat, Agile Methodology, JUnit, Maven, GIT, Bitbucket, JIRA and IntelliJ.

**DCS Technologies- Bangalore, India July2016 to Aug2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in the requirement analysis, design, and development.
* Involved in the design and estimation of the various templates and components which were developed using Day CMS (Communique).
* The CMS and Server-side interaction was developed using Web services and exposed to the CMS **using JSON and jQuery.**
* Designed and developed Struts like MVC 2 Web framework using the front-controller design pattern, which is used successfully in a number of production systems.
* Implemented react JS code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.
* Worked on Java Mail API. Involved in the development of Utility class to consume messages from the message queue and send the emails to customers.
* Used React-Router to turn application into Single Page Application.
* Worked in using ReactJS components, Forms, Events, Keys, Animations and Flux concept.
* Normalized Oracle database, conforming to design concepts and best practices.
* Used JUnit framework for unit testing and Log4j to capture runtime exception logs.
* Performed Dependency Injection **using spring framework** and integrated with Hibernate and Struts frameworks.
* Hands on experience creating shell and Perl scripts for project maintenance and software migration. Custom tags were developed to simplify **JSP applications.**
* **Applied design patterns and OO design concepts to improve the existing Java/JEE based code base.**
* Identified and fixed transactional issues due to incorrect exception handling and concurrency issues due to unsynchronized block of code.
* **Used Validator framework of the Struts** for client side and serverside validation.
* The UI was designed using JSP, Velocity template, JavaScript, CSS, JQuery and JSON.
* Enhanced the FAS system using struts MVC and iBatis.
* Involved in developing web services using Apache XFire & integrated with action mappings.
* Developed Velocity templates for the various user interactive forms that trigger email to alias. Such forms largely reduced the amount of manual work involved and were highly appreciated.
* Used Internalization, Localizations, tiles and tag libraries to accommodate different locations.
* Used JAXP for parsing & JAXB for binding.
* Co-ordinate Application testing with the help of the testing team.
* Involved in writing services to write core logic for business processes.
* Involved in writing database queries, stored procedures, functions etc.
* Deployed EJB Components on Web Logic, Used **JDBC API** for interaction with Oracle DB.
* Involved in Transformations using XSLT to prepare HTML pages from xml files.
* **Enhanced Ant Scripts** to build and deploy applications
* Involved in Unit Testing, code review for the various enhancements
* Followed coding guidelines while developing workflows.
* Effectively managed the quality deliverables to meet deadlines.
* Involved in end-to-end implementation of the application.

# Technology: Java, J2EE (EJB, JSP/Servlets, JDBC, XML), Day CMS, XML, My Eclipse, Tomcat, Resin, Struts, iBatis, Web logic App server, DTD, XSD, XSLT, Ant, SVNEDUCATION:

Bachelor of Engineering in Computer Science & Engineering (GPA – 3.81/ 4.0)

Osmania University, Hyderabad,India.