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Description automatically generated with low confidenceAshwini P**

**Senior Full Stack Java Developer**

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**Professional Summary**

* Over 8+ years of development experience in core Java technologies using Spring MVC, J2EE, JavaScript, Hibernate, Oracle, REST Web Services, SOAP, JDBC, XML, Client-Side scripting, Maven with specialization in Industrial, Educational, Financial, and Telecom domains.
* Extensively worked with Struts, Spring Application design, development.
* Excellent programming and Object-Oriented Analysis and Design (OOAD) & debugging skills, strong in data structures.
* Experience in using various design patterns like Business Delegate, Session Facade, Service Locator and Model-View-Controller.
* Strong experience in Java with Spring integration to enable the development of integration solutions typical of event-driven architectures.
* Experience in configuring and deploying web applications using **JBoss, Web Logic, Web Sphere, Tomcat servers**.
* Strong experience in front end development using technologies like **JavaScript, HTML, CSS, JSP, Bootstrap, AJAX, Angular, React JS, Node JS.**
* Good experience working with a team of analysts/ developers on tiered applications using Web Application Frameworks, Design Patterns, MVC architecture in the areas of B2B and B2C domains.
* Used Hibernate Framework as persistence provider, understanding on Spring Framework.
* Experience in J2EE design patterns such as Business Delegate, Service Locator, Data Transfer Object, Data Access Object, Session Facade, Factory Method, Singleton patterns.
* Experience working with databases like **SQL Server, MySQL, Oracle, PostgreSQL, Mongo DB, and Cassandra**.
* Experience in developing data capture and presentation templates using XHTML, DHTML, CSS and JSP pages.
* Used **Kafka, ActiveMQ, RabbitMQ** as Java Message Service to handle communication between services.
* Implemented Angular Factories and Controllers to manipulate and view employee task data and responsible for design and development of the web pages from mock- ups.
* Tested broken links and inter application links (page redirects to respective URL's) in development, test, and production environments.
* Experience in **AWS Cloud** and its features includes **EC2, EBS Cloud watch, AWS Config, Auto-scaling, and AWS S3.**
* Experience with Azure services like **Azure VM, Azure Storage, Azure Active Directory, CDN, Azure Data Factory, Azure SQL, Azure Function, Cosmos DB, Azure Backup, and Azure Kubernetes Service (AKS).**
* Created XML based test suit and integrated with Jenkins Server to execute automation scripts on a regular basis by scheduling Jenkins jobs in different test environments with different test configurations.
* A team player, strong interpersonal and communication skills, professional demeanor, and analytical skills with a high learning acumen to adopt new tools and technologies with ease and seamlessly integrate skill sets into the project implementation lifecycle.
* Established and maintained productive working relationship with management, clients, and team members.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Java Technologies** | Java 6/8/11, JSP, JDBC, Spring, Struts, Hibernate, Java Web Services, XSLT, JavaScript, Unix Shell, WSDL. |
| **App/Web Servers** | Apache Tomcat 4.x/5.x/6.0, WebLogic 11, IBM WebSphere 5.x/6.x, JBoss 4. x. |
| **IDE and Tools** | Eclipse, Vscode, NetBeans, JUnit, Notepad++, Postman, SoapUI, Jira, Jenkins. |
| **Databases** | Oracle 10g/9i/8i, DB2, MS SQL Server 9.0/8.0/7.0, SQL server, MySQL Server, MongoDB, PostgreSQL, Cassandra |
| **Web Technologies** | HTML, JavaScript, JSP, Servlets, DHTML, Ajax, CSS, JQuery, BPMN, REST Services, Angular JS, Angular 1/2/4/6. |
| **Build Tools** | Jenkins, Maven, Gradle, ANT |
| **Testing Tools** | JUnit, Bugzilla, Log4j, JMeter, Slf4j, JMS, ActiveMQ, Postman. |
| **UML Tools** | Microsoft Visio, Rational Rose |
| **Monitoring / Logging** | Splunk, Log4j, Slf4j |
| **Methodologies** | Agile, Waterfall |
| **Operating System** | Windows XP/Vista/7 and Windows Server 2008, UNIX, Linux 10/12/14, MacOS |
| **XML Technologies** | XML, SAX, DOM, JAXP, JAXB, SOAP. |

**WORK EXPERIENCE:**

**Java Full Stack Developer Mar 2020 – Present**

**Chevron Corporation - San Ramon, California**

**Responsibilities:**

* Work in **Agile** and **Scrum development** cycle to design, build, and test, support various applications and participated in **Agile** discussions about release planning, backlog grooming, refinement, and retrospectives in timely delivering the deliverables.
* Designed and developed business and integration services to communicate with the Image Content Management Platform (Wells Fargo N.A. proprietary special tool) to store the documents.
* Performed the migration release of converting the existing CoreSharedLib code to the new Docs-Platform.
* Used **Maven** to maintain the project dependencies and involved in writing different Maven goals to build and deploy the application.
* Designed and developed application components and architectural proof of concepts using **Java 11** features as **Running Java Files with a single command, new utility methods in String class, and Local-Variable Syntax for Lambda Parameters.**
* Setting up high-availability Quartz jobs for batch processing the events that have been captured within the scheduled time duration and sending out the email notifications to the subscribed recipients based on the activity.
* Involved in the **User Acceptance Testing (UAT)** and performance testing in the **SIT (System Integration Testing)** environment and worked on issues reported by QA team.
* Automating any functional or business-critical scripts documented in the HP ALM tool by the QA, capturing the screenshots of the state of the application, and generating the consolidated test reports out of the assertions performed.
* Design highly scalable software solution using back end micro services like **Spring Boot** and develop front end user interaction web page architecture.
* Work with **Stakeholder** to gather requirements, conduct system wide requirement analysis and design. Interpret Business requirement and translate them into potentially release component.
* Construct high quality code and deploy on servers, Disaster Recovery exercise documentation, and Risk Control framework development.
* Leading a team by providing technical directions on deliveries, working with Business Partner and BA for requirement clarification.
* Application development and Maintenance activities, release readiness reviews to avoid production issues, Key role in all phases of application.
* Wrote **PostgreSQL, PL/SQL** procedures and packages, and automated procedures using DBMS scheduler.
* Involve in developing Integration Issues, System Testing Issues, User Acceptance Issues, and production Issues including **Junit.**
* Developed and enhanced middleware components using Collections, Generics, Object Serialization, and Multi-Threading using java. Util. Concurrent package and core java design patterns.
* Implemented **Typescript and Angular 10** Factories and Controllers to manipulate and view employee task data and responsible for design and development of the web pages from mock- ups.
* **Angular 10** is used along with plugins and with the libraries like PDF viewer to download PDF files and to do performance testing using **JMeter**. Used **Angular 10** as it provides built-in features for animation, Http service, and materials, which in turn have features such as auto-complete, navigation, toolbar, menus, etc.
* Designing and development of web-based enterprise applications using J2EE technologies including Servlets, JSP, Web Services, XML.
* Configured **AWS EC2** instances in **Virtual Private Cloud (VPC)**, **S3 Buckets** and **Cloud Formation Services, and Amazon Elastic Kubernetes** Service based on the requirements.
* Involved in writing java API for **Amazon Lambda** to manage some of the AWS services. Used **AWS S3** to store the data and **Elastic Search** for searching the document, **AWS SNS** to send messages to multiple users and delivered in an algorithmic way using **AWS SQS,** worked on **AWS Elastic load balancing** for deploying applications in high availability.
* Configure **Slf4j** to log different levels of log messages to monitor the application in all environments.
* Implementation of the Message Driven Bean for Instruction enrichment and pre-processing. MDB is deployed on WebSphere server and dispatches the request to Stateless Session Bean (EJB) for further processing and Rules execution and asynchronous messaging.
* Used **ActiveMQ** as the message broker implementing JMS.
* Use the **JavaScript libraries JQuery, AJAX** to talk to the RESTful API and display the JSON format data for the end user.
* Develop J2EE Backing Beans, Action Classes, and Action Mapping and Application facades and hibernate classes to retrieve and submit using the JSF Framework.

**Environment : Angular 10, AWS, Java 11, AWS, Slf4j, JavaScript, Typescript, JMeter, PostgreSQL, Spring Boot, Restful API, Postman, ActiveMQ.**

**Sr. Java Full Stack Developer Jan 2019 – Mar 2020**

**AgFirst - Columbia, SC**

**Responsibilities:**

* Worked on **Agile methodology** for design and development and involved in daily **SCRUM meetings** and **sprint planning.**
* Designed the user interface of the application using **Node JS** including handling server-side logic, connecting to databases, handling **HTTP requests** and responses, and performing other server-side tasks.
* Worked with **NPM commands** and used **packages. JSON** for managing dependencies of **Node JS** applications.
* Extensive use of **React JS and** **React-Redux architecture** for developing the SPAs for the **Uni-directional data flow** with the web pack build tool.
* Designed and developed frameworks for payment workflow system using **Core Java, servlets, JavaScript, XML, AJAX, J2EE design patterns** and **OOPS/J2EE** technologies.
* Designed the architecture based on the approach of **Spring Model-View-Controller** design paradigm.
* Worked on **Java 8** features like implementing **Lambda expressions, Streams, filters, pipelines.**
* Extensively used data structures, design patterns and core concepts like **Multithreading**, **Collections Framework, File I/o**and **concurrency** and **Exception Handling, I/O System, JDBC, and Generics** for implementing various core framework level changes.
* Worked on Microservice **architecture** with **Spring Boot-based** services that communicate over a mix of **REST** and **Apache Kafka** message brokers.
* Used Spring Batch for reading, validating, and writing the daily batch files into the database.
* Used Hibernate in data access layer to access and update information in the database.
* Designed and implemented **NoSQL databases** like **Cassandra** to manage extremely large data sets.
* Involved in creation of automation framework in **Selenium WebDriver** using behavior driven approach like Cucumber with the QA team.
* Developed the REST based **Microservices** using **spring Boot** and enhanced middleware components using **Collections, Generics, Object Serialization, and Multi-Threading** using java. Util. Concurrent package and core java design patterns.
* Implemented **Microservices Architecture**, with **Spring Boot**-based services interacting through a combination of REST.
* Implemented the business modules integration using Spring and Hibernate data mapping.
* Developed Entity objects and used Hibernate the ORM tool to access persistent data from **MySQL.**
* Used **Junit and Mockito framework** for performing **Unit testing**  and **Postman** for testing API services.
* Developed Restful Webservices for availability portal and availability of room.
* Worked on the Java backend development using spring, **Reflection, REST API and JSON.**
* Worked on performance improvement by reviewing code and monitoring methods execution using **Load Runner**.
* Created and consumed **Restful Web Services** using JAX-RS.
* Used **GCP App Engine** for deploying and scaling web applications and services developed with Java.
* Achieved Behavior-Driven Development (BDD) implementation with Cucumber where backend language used is Java and expanded test scenarios, tracked Cucumber reports.
* Built Microservices using spring boot with continuous deployment and continuous integration using Jenkins.
* Involved in developing Integration Issues, System Testing Issues, User Acceptance Issues, and production Issues including **JUnit.**
* Used **JIRA** for bug tracking and **Splunk** for monitoring and analyzing the log data.

**Environment : Node JS, NPM commands, Junit, Java 8, Apache Kafka, GCP App Engine, Postman, Cassandra, Spring Boot, React JS, JavaScript, JIRA, Splunk, Load Runner.**

**Travelport - Englewood, CO**

**Sr. Java Developer Nov 2016 – Dec 2018**

**Responsibilities:**

* Provided enhancement, development, production support and maintenance for a suite of time critical applications in **Agile software development life cycle.**
* Implemented the backend business layers using Spring Beans, EJBs and Web-services and persistence layer using custom JDBC DAOs to handle **CRUD operations** using **Hibernate** to interact with the **Oracle database**.
* Used **Hibernate Framework** for object relational mapping and persistence.
* Involved in implementing the **Micro Services** based on **RESTful API** utilizing **Spring Boot** with **Spring MVC.**
* Worked with **Java 8** features such as **Lambda expressions, Default and Static methods in Interfaces, Streams API, Optional Class, and Parallel sort in Arrays.**
* Carried out design and development of various JSP pages using **TIERS custom framework.**
* Worked on to improve overall solutions on SQL server database and data warehouse, utilizing SQL Server Integration Services (SSIS) packages and custom ETL scripts.
* Used **JSP, JavaScript, jQuery, AJAX, CSS** and **HTML5** as data and presentation layer technology.
* Created many ETL jobs for data exchange from and to database server and various other systems including **RDBMS, XML, CSV,** and Flat file structures.
* Developed Servlets and JSPs based on MVC pattern using **Struts framework** and **Spring Framework**.
* Converted **legacy ETL processes** to utilize SSIS Framework and be able to produce code that is well-formatted, documented and highly efficient.
* Deployed the application on **Azure** and used **Azure Identity and Access Management (IAM)** for managing access to **Azure resources,** and **Virtual Machines (VMs)** for running and managing virtual machines.
* Used **Message Driven Beans** for asynchronous messaging which act as facades that routes the request to the next layers.
* Created Talend ETL jobs to receive attachment files from pop e-mail using **tPop, tFileList** and **tFileInputMail** and then loaded data from attachments into database and achieved the files.
* Built **Microservices** using **spring boot** with continuous deployment and continuous integration using **Jenkins.**
* Used **MAVEN** and **ANT** for building various applications. Bug fixing, functional testing, production support and maintenance issues are tracked in **JIRA** for project management.
* Involved in various business meeting with partners for gathering requirements.
* Used **Git** for source code management and for tracking changes in source code as a version control system.
* Monitored the error logs using **Slf4j** and fixed the problems.

**Environment: JavaScript, jQuery, AJAX, CSS**, **HTML5, Tomcat Servers, Slf4j, Spring boot, Java 8, Agile, Microservices, Jira, Hibernate, Oracle database, Microservices, Spring MVC.**

**HDFC Bank – India**

**Java/J2EE Developer June 2014 – June 2016**

**Responsibilities:**

* Designed front end using **Spring MVC** technology and spring interceptors, filters, and dispatcher servlets to design the application.
* Developed **Spring RESTful web services** to deliver both XML and JSON content using Jackson Spring implementation to retrieve specific details for Insurance products.
* Used iText libraries to generate pdf reports containing the results of the calculations performed by the agent with the client’s information.
* Used **Java 6** Reflection to dynamically load and generate different type of reports from the premium’s calculations performed by the agent.
* Worked on **OOPs concepts** such as polymorphism to implement factory design pattern solutions to provide the system the right objects for the product related methods.
* Coded Unix Scripts to capture data from different relational systems to flat files to use them as source file for ETL process.
* Used the **Java Mail API** to create and send emails generated by the agents and sent to their clients.
* Implemented JSON with Flex to feed Data grids into the web application.
* Configured persistence-Context in **Spring JPA** and **Hibernate** as a persistence provider to interact with **Oracle database.**
* Used lazy loading and **hibernate** to retrieve data only when it is needed thus avoiding overloading the architecture.
* Working closely with UI Developers to design and develop services required in the front-end application using **HTML, CSS, and JavaScript.**
* Re-factored legacy stored procedures extracted and converted logic from stored procedures into java components for better reusability.
* Developed Informatica Mappings and Reusable Transformations to facilitate timely Loading of Data of a star schema.
* Worked in tandem with the developers to automate tests for the full solution stack (unit, business logic, integration, API, user experience, performance) also worked with the development and operations teams to debug testing failures in **Jira.**
* Created custom directives to log the files in Event logger, Email logger in **Angular 1.**
* Created Typescript reusable components, services to consume **REST API's** using component-based architecture.
* Deployed and managed the applications to **Linux environment.**

**Environment : Spring MVC, Linux, Angular1, HTML, CSS, JavaScript, Java 6, Spring JPA, Jira, Hibernate.**