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**PROFESSIONAL SUMMARY**

* **9+ years** of IT experience in design and development on web technologies using Java, J2EE, implementing **Java/J2EE** technologies for application development in various layers of projects i.e., requirement gathering, **analysis**, **design**, documentation, implementation, **Testing** and deployment.
* Experience in development methodologies such as **Agile**, Scrum, **Test Driven Development** and Waterfall.
* Expertise in **Java** programming and have a good understanding on **OOPs, Collections, Exceptions Handling, Input/output (I/O) System, Annotations, Enums, Concurrency, Multi-Threading, Lambdas, and Generics.**
* Expertise in object-oriented technologies, client-server systems, web-based applications, and business applications. Design and development of web applications using **HTML5, CSS3, JavaScript, ReactJS, AngularJS, jQuery, XML, Bootstrap JS, JSP, JSON, JSF and AJAX.**
* Experience in developing Web and Enterprise applications using technologies **JDBC**, **Servlets**, Session Beans, **JSP**, Java Server Faces (**JSF),** Java Persistence API **(JPA), JNDI** and **JMS**.
* Extensively worked on implementing **Service Oriented Architecture** (SOA) using **XML Web Services**, **Handling HTTP Request,** and responses, creating Web service clients, handling communication calls to methods and External Interfaces.
* Experience in **Jenkins**, maven and **GIT** also experience with **JUnit**, **TestNG**, **Apache POI**, **BDD** framework.
* Good Experience in developing and consuming **Micro Services**, application integration using **Web Services** such as **JAXB, JAX-WS, SOAP, WSDL, JAX-RS, RESTful.**
* Experience in Message Queue (MQ) services like Apache Kafka, Rabbit MQ, Active MQ and IBM MQ.
* Experienced in developing and deploying applications to **AWS** using continuous integration tools like **Jenkins.**
* Experience in practical implementation of AWS Cloud-Specific technologies like **S3, VPC, ELB, RDS, Cloud Front, Cloud Formation, Cloud Watch, Lambda, Dynamo DB**.
* Experience in front end technologies like HTML, CSS, JavaScript, AJAX, jQuery, JSON, DOM, XHTML, DHTML, Tag libraries, Bootstrap, TypeScript, Angular JS, React JS.
* Created AWS Security Groups for deploying and configuring **AWS EC2 instances**.
* Experience in using React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.
* Extensive experience in **Testcase** Development and updating by new functionality dependencies, and **Test runs**.
* Extensive experiences in using loggers like **Junit**, **Log4j** for creating logs of different categories and placing them in a file.
* Well versed with **GUI**, **Functional testing**, **System testing**, Database, **Regression testing**, **Integration testing**.
* Strong programming skills in **Core Java** such as **Multithreading**, **Collection Interface**, I/O **Streams**, and **Exception Handling;** experience of working with Databases like **SQL Server**, **MySQL**, **Oracle** and **MongoDB.**
* Have good experience in writing the **SQL** queries, **PL/SQL** Procedures, Functions and Triggers and Cursors.
* Experience in Developing Application using frameworks **Spring Dependency Injection (DI), IOC, Aspect-oriented Programming (AOP), Integration, Security, Boot, Struts** and **Hibernate**.
* Proficiency in working with IDE's like **WSAD, Eclipse, NetBeans, Maven.**
* Experience in installing, deploying, and testing with multiple Application Servers like **WebSphere, WebLogic, JBoss Application Server and Tomcat web container.**
* Experience deploying and managing applications on OpenShift platform.
* Experienced in using **Apache Kafka, Active MQ, and JMS** as messaging tools and worked on different IDEs like **Eclipse and IntelliJ.**
* Extensive experience using **spring** framework and **ORM** mapping tools like **Hibernate**, which implements Java Persistence API (JPA).
* Worked on **JDBC** for mapping the java objects to relational database and **SQL** queries to retrieve, insert and update the data from the database.
* Extensive experience in **Oracle and SQL** databases and automated testing frameworks like **Selenium**.
* Have hands-on experience working with source control tools such as **SVN**, **Clear Case** and **GIT.**
* Proficiency in working with IDE's like **WSAD, Eclipse, NetBeans, Maven.**
* Sound knowledge in working with browsers compatibility issues with **browsers like IE, Firefox, Safari, Opera, Chrome**.
* Deployed and managed applications on OpenShift platform for efficient scaling and management.
* Experienced in working with the Microsoft family of operating systems **(WIN10, WIN8, WIN7), UNIX and LINUX.**
* Experience in **UML Modeling** diagrams developing such as **Use Case** diagrams, **Class** diagrams and **Sequence** diagrams.
* Proficient in reengineering the process and improving it to make the business effective and efficient.
* Have very strong inter-personal skills and the ability to work independently and with the group, can learn quickly and easily adaptable to the working environment.
* Good exposure in interacting with clients and solving application environment issues and can communicate effectively with people at different levels including stakeholders, internal teams, and the senior management.

**TECHNICAL SKILLS**

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| --- | --- |
| Languages | Java, J2EE, PL/SQL, Core Java, Java 1.7&1.8, Java Enterprise Edition |
| Web Technologies | Servlets, JSP, Session Beans, JavaScript, jQuery, AJAX, Angular JS, TypeScript JSON, ReactJS, HTML, XML, Bootstrap, CSS, SCHEMA, XML |
| Frameworks | Struts, Spring, Spring Boot, Hibernate, JSF |
| Web Services | SOAP, REST, WSDL, JAX-RS, JAXB, JAX-WS |
| Databases | MongoDB, Oracle, SQL Server, PL/SQL, DB2 and MySQL |
| Version controls | GIT, SVN |
| Tools/Software (IDEs) | Eclipse, My Eclipse, Net Beans, SQL, Clear case, Junit, Maven, Jenkins |
| Application/Web Server | Apache Tomcat, JBoss, WebSphere and WebLogic |
| Testing Technologies/Tools | Selenium, Junit, Log4j, TestNG |
| Operating Systems | UNIX, Linux, Windows |
| Methodologies | Agile Methodology, Scrum, Waterfall model |
| AWS Cloud Technologies | EC2, IAM, Cloud Watch, Cloud Front, Cloud Formation, S3, Virtual Private Clouds, Elastic Load Balancers, Relational Database Services, Lambda, Dynamo DB |

**PROFESSIONAL WORK EXPERIENCE**

**Client: Orion 180 Insurance Services, FL Dec 2020 – Till date**

**Role: Senior software developer**

**Responsibilities:**

* Responsible for Development, design and testing of Web applications by gathering the requirements from the business, followed **Agile Scrum Methodology** for software development process.
* The User Interface is developed using **JavaScript**, **React** framework, **HTML 5, CSS3**, and **Bootstrap**.
* Used **Microservice** architecture with **Spring** **boot** to develop **REST-based** Web Services with minimal configuration.
* Implemented **Angular 10** Services for connectivity between web application and back-end **API’s** using **Typescript.**
* Created **S3 Buckets** for **EC2 instances** to store all the content including **HTML pages, images, CSS files** and **script files.**
* Worked on the development of responsive internal applications to capture the metrics of users and agents using **React JS**.
* Deployed Spring Boot based micro serviceson **Docker,** as OpenShift utilizes Docker containers.
* Experience configuring monitoring and logging solutions for Java applications running on OpenShift.
* Implemented Client-Side routing using the **Route module** in **React**.
* Designed and executed quality Test Plans and Test Cases to verify Reliability, Accuracy and Compatibility of application.
* Used **Apache Kafka** as messaging layer for the custom framework.
* Implemented a distributed messaging queue to integrate with **MongoDB** using **Kafka** and **Zookeeper**.
* Written the Test cases and Test plan/strategy based on business view and functional view and setting up the automation environment with **selenium** WebDriver and finding the various critical points in the application testing.
* Ensures Seamless Performance of client applications to ensure that no schedule is delayed beyond the specified **SLA** for the project.
* Responsible for review of testing artifacts to enhance the quality and deliver better product to client.
* Exploited the advanced **Java 8** features such as **Filters, Enhanced concurrency methods, Lambda Expressions Streams**, **Date-Time API** etc.
* Extensively used various modules in Spring like **Spring Boot, AOP, Dependency Injection, Spring IOC, Bean Wiring, Spring Inheritance, Auto wiring** and **Spring JDBC templates**.
* Used **Hibernate**, **Object/Relational mapping** (ORM) solution, the technique of mapping data representation from MVC model to Oracle relational data model with a SQL-based schema.
* Used **Page Object Model**, **Page Factory** for better script maintenance and reusability and for no duplication.
* Written and executed several stored **procedures, triggers, packages, views,** and **functions** using **SQL Developer tool.**
* Used **Postman** to test the **API** workflow tested on the **JSON** files.
* Used **Jenkins** to build and deploy the application and **GitHub** for code repository and version control.
* Application development on cloud platform (**AWS**).
* Writing and retrieving files to and from **AWS S3bucket** for UI to render data faster involves complex and time-consuming server-side logic.
* A web application for connecting care providers and members. This project includes server application with data fetching requirement. We have exposed the services as Rest Web Services. We developed a backend system using **NodeJS**.
* A user provision script developed using **Nodejs** which includes fetching files from SFTP server and creating users in Idap and database using rest api calls.
* Used **Node**.JS to structure **JavaScript** code to build Restful web services.
* Implemented generating the verification hash code using crypto package on **Node. JS.**
* Used date-format and moment packages in **Node**.JS to save the timestamp in database converting into GMT. Involved in
* Used **Nodejs** to structure JavaScript code to build endpoints.
* Responsible for troubleshooting the logs in the **AWS** cloud Watch in **S3 buckets, Route 53**.
* Used **MAVEN** for project management and build automation. Used **Subversion** as a version control for implementing the application.
* Developed, debugged, integrated, and deployed applications using **Eclipse (IDE)** and used **GIT** as a Version Control**.**
* Followed Quality Assurance standards set by the client and Software Configuration Management process using **JIRA**, **Bit bucket** and **Jenkins.**
* Creates and maintains appropriate documentation identifying what enhancements and requirements/Specifications have been made and or requested.
* Actively involved in code reviews and bug fixing, worked on existing **Oracle** stored procedures to retrieve or validate the data for the proper validations.

**Environment:** Core Java, Angular, JSP, Servlets, Struts, Spring Boot, Spring MVC, JUnit, JPA, JAXB, Spring, Rest API’s, Micro Services, Hibernate, AWS, Oracle, SQL, STS, Junit, Agile, git, bitbucket, Jira, Confluence.

**Client: Alten Calsoft Labs Pvt Ltd ,India Aug 2016 – Aug 2018**

**Role: Senior software engineer**

**Responsibilities:**

* Worked on **Java** **8** features date and time **API, streams, lambda expressions, functional interfaces**, etc.
* Participated in **Agile** methodology and involved in **Design, development, Implementation, and testing** of the enterprise applications.
* Developed Single page applications using **Angular 8/9, Typescript, HTML 5, CSS3 and Bootstrap4.**
* Created **Typescript** reusable components and services to consume **Rest API’s** using component-based architecture provided by **Angular 8/9.**
* Analyzing the business functionality of the existing application and restructuring that to a new technology for enriching the user experience apart from providing enhanced functionalities.
* Developed Rich UI applications using **JavaScript**, **HTML**, **XML Bootstrap**, **CSS**, **TypeScript** and **Angular.**
* Built the reusable service components using Angular services with Object Oriented J**avaScript, jQuery, HTML, CSS3** based on the visual designs.
* Developed User Interface using the **HTML5, CSS3, JavaScript, Bootstrap** and **ReactJS**.
* Used **JIRA**to keep track of bugs to reduce downtime, increase productivity, and Communication.
* Implemented **RESTFUL** web services using **Spring boot** and consumed using spring **REST** services. Published Rest services for performing CRUD operations from database.
* Implemented UI framework and designed using **ReactJS**. Used flux with redux hooks.
* Experience in integrating Micro Services Architecture with **Spring Boot** and **Docker** containers.
* Built CI/CD pipelines using Docker, Kubernetes, and custom scripts – helping teams deploy many times in a day.
* Experience in building, testing, and deploying applications by adopting the Devops tools like GIT, Jen-kins, **Docker**, and **Kubernetes**.
* Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Used **Jenkins** pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes.
* Good Experience in Docker & Kubernetes setup, configuration, and Architecture.
* Developed Microservices using **Spring boot**, Docker, Rest API for backend systems that serve to communicate to generate correspondences for customer components running on **AWS EKS Kubernetes Cluster**.
* Written **Terraform** scripts to automate AWS services which include ELB, CloudFront distribution, RDS, EC2, database security groups, Route 53, VPC. Subnets, Security Groups, and S3 Bucket and converted existing AWS infrastructure to AWS Lambda deployed via Terraform and **AWS** CloudFormation.
* championed in cloud provisioning tools such as **Terraform** and **CloudFormation**.
* Used **Terraform** for infrastructure to spin up EC2, EMR, Lambda as per requirement and enable.
* Used Docker to improve our (CD) Continuous Delivery framework to streamline releases.
* Configure Log 4j in spring boot to send errors and logs to Kafka topic to be able to view in Kibana Dashboard.
* Involved in developing **Spring MVC, ORM** and **Hibernate** application, created microservices using **Spring Boot**.
* Extensively used ReactJS components, Forms, keys, Router for developing Single page application.
* Worked on writing **SQL** queries for basic operations on databases to perform **database testing** and check API integration and third-party application calls and compatibility also load and performance check through **post man**.
* Used **Spring** framework for Dependency Injection, **AOP** and Transaction management.
* Extensively used **Core Java collections, Generics, Exception handling, Design patterns for functionality,** also worked on Java 1.8 functional programming concepts, **lambda expressions.**
* Took part in setting up the routing configuration using **Angular** UI router for various views and sub views.
* Developed **hibernate** inheritance mapping using single table approach and configured multi-level caching in Hibernate.
* Developed scripts for build, deployment, maintenance, and related tasks using **Jenkins**, **Maven.**
* Worked in different IDEs like **Eclipse, Spring Tool Suite and IntelliJ** and worked on various application and web servers like IBM **WebSphere**.
* Wrote Junit test cases to perform unit and integration testing of application programs.
* Assist in Testing by creating Test plan and Test cases and POC at different stages of the project.
* Closely worked with **QA** team on **Regression** testing, **UAT** testing and **smoke** testing, etc.
* Responsible for maintaining the code quality, coding, and implementation standards by code reviews.
* Used **Log4j** extensively for logging errors and **eclipse** as the primary **IDE**.
* Used **Apache Kafka** as messaging layer for the custom framework.
* Implemented a distributed messaging queue to integrate with **MongoDB** using **Kafka** and **Zookeeper**
* Involved in setting up **AWS** services with **EC2** instances, **S3** bucket, **IAM**, **RDS** took part in deploying application in **AWS.**
* Writing and retrieving files to and from **AWS S3bucket** for UI to render data faster that involves complex and time-consuming server-side logic.
* Experience with Continuous Integration Tools Bamboo, and good working knowledge on source repository management tools like **GIT, Bitbucket.**

**Environment:** Agile, Java 8, JDK, J2EE, XML, Spring, Git, Hibernate 4.2, XML, JavaScript, jQuery XHTML, Docker , Design Patterns, JUnit, Spring boot, Oracle SQL, REST, Web Services, Eclipse, Postman, Web Sphere, Jenkins, JIRA.

**Client: Hawlett Packard Enterprises ,India Sep 2015 to Aug 2016**

**Role: Technology Consultant**

**Responsibilities:**

* Participated in **Agile** methodology and involved in Design, development, Implementation, and testing of the enterprise applications.
* Designed and developed dynamic web pages using **HTML5**, **Angular** **JS**, **Bootstrap**, and CSS.
* Created Custom **AngularJS directives** and developed data driven UI using **AngularJS** and **Breeze** data models.
* Worked extensively with **Angular JS** to create single page applications. Worked on **Angular JS routes**, **components**, custom **directives**, **services**, and **form validations.**
* Developed an **AngularJS** workflow manager leveraging **Angular-UI's** state router for flexible configuration and management of multi-step user input flows.
* Implemented account creation module as a Single Page Application using **AngularJS**along with **HTML5** validation.
* Design and developed the application using framework Angular 8 with **HTML5, CSS4, SASS and Typescript**.
* Worked on **Functional interfaces** and **Lambda** **expressions** to incorporate them in the **Streams API** of **Java 8** to perform filtering and grouping of the collections.
* Developed backend services, data access objects, data repositories using **Spring and Spring JPA.**
* Developed **REST** service layer using **Spring MVC and Spring Boot.**
* Developed logging aspect for logging statements across the spring service and data access layer using **Spring AOP.**
* Used **Apache Kafka** as messaging layer for the custom framework.
* Expertise in some of the best modern front-end frameworks such as ReactJS, Angular, Bootstrap, **Typescript, HTML5, CSS3**, jQuery, JavaScript, and Node JS.
* Developed Web API using Node JS and hosted on multiple load-balanced API instances. Implemented application testability, diagnostics, and fixing bugs with the help of **REDUX** (Reducers) architecture.
* Create Single Page Applications (SPA) that loads a single HTML page using React.js, Node JS.
* Developed interactive web application using **Node.js**, a pure JavaScript application framework.
* Implemented a distributed messaging queue to integrate with **MongoDB** using **Kafka** and **Zookeeper**
* Configure Log 4j in spring boot to send errors and logs to Kafka topic to be able to view in Kibana Dashboard.
* Involved in the preparation of use case, sequence diagrams, class diagrams, activity diagrams etc. using Rational Rose. Involved in developing reusable core libraries using core java Classes and Interfaces.
* Wrote complex **SQL** queries and programmed stored procedures, **packages** and **triggers** using **MySQL**.
* Worked extensively on developing **controllers**, **Interfaces** and **implementation** classes using **Spring MVC** framework & used a **Microservice** architecture with **Spring Boot** based service through **REST.**
* Used **Postman** to test **RESTful** web services.
* Migrating existing application into REST based **Microservices** to provide all the CRUD capabilities using Spring Boot.
* Configure **REST** controllers, view resolver components and implemented transaction management using **Spring** declarative transaction management with Spring **AOP** concepts.
* Worked on **Mongo DB** concepts such as locking, transactions, indexes, sharing, replication, schema design.
* Implementation of the Business logic layer for **Mongo DB** Services and Wrote services to store and retrieve user data from the **MongoDB** for the application.
* Wrote build & deployment scripts using **Maven** on **UNIX** environment and integrated using **Jenkins**.
* Integrated **Jenkins** with version controller (**GIT**) and scheduled builds to run automatically during a build release by invoking predefined maven commands.
* Developed test cases for various scenarios based upon requirements, designs and specifications.
* Conducted **Functional** testing, **Regression** Testing using selenium with Data driven framework and Key- Word driven framework.
* Handled **Selenium** Synchronization problems using **Explicit** & **Implicit** waits during regression testing.
* Shared Daily Status Reports with all the team members, Team Leads, Managers.

**Environment:** J2EE, JDK, HTML 5, CSS 3, Ajax, jQuery, Express JS, JavaScript, Angular JS, Node.js, Bootstrap, Spring, Hibernate, PL/SQL, AWS, Web Services (SOAP), RESTful, Multithreading, Apache, Maven, MySQL, JMS.

**Client: TCS, India Jan 2013 to Sep 2015**

**Role: System Engineer**

**Responsibilities:**

* Involved in SDLC Requirements gathering, Analysis, Design, Development, and Testing of the application using **AGILE** methodology.
* Developed application using **Spring MVC, JSP, JSTL** and **AJAX** on the presentation layer, the business layer is built using **Spring** and the persistent layer uses **Hibernate.**
* Implemented the Graphic User Interface **GUI** by coding in **HTML5**, **CSS3**, **Bootstrap**, **JavaScript**, **J Query**, and **J Query** **UI.**
* Used **JDBC** connectivity for querying, inserting, updating, deleting data from Oracle database, and involved in translating functional requirements into technical requirements.
* Used **Spring MVC** Model View Controller to handle/intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application.
* Integrate the dynamic pages with **Angular JS** and **J Query** to make the page dynamic.
* Designed and developed various stored procedures, functions, and triggers in **PL**/**SQL** to implement complex business rules.
* Used **Apache Kafka** as messaging layer for the custom framework.
* Implemented a distributed messaging queue to integrate with **MongoDB** using **Kafka** and **Zookeeper**
* Wrote **SQL** queries to retrieve the information from the databases to check whether the data has been updated.
* Experience in writing complex **XPATH** using following and preceding and using functions like contains and not contains.
* Exposed **RESTful** web services using **JAX-RS**. Implemented Angular promises to handle asynchronous communication with our Restful API for various requirements.
* Developed code for handling bean references in spring framework using **Dependency Injection (DI), Inversion of Control (IOC)** using annotations.
* Worked with different spring modules - **Spring MVC**, Spring Integration, Spring JPA, Spring Core, Spring Batch and Spring AOP.
* Data Access layer (**DAO**) development using Hibernate to communicate with Oracle.
* Worked with Eclipse as the **IDE** to develop, test and deploy the application and used Ant for building and deploying the war file into application server.
* Created test cases using **JUNIT** and used **Selenium** to create automated test cases.
* Running **Selenium** automation scripts and updating the scripts according to enhanced requirements using Selenium web driver and Python.
* Configured and created applications log files using **Log4J**. Actively involved in code reviews and bug fixing.
* Configured and set up **J Boss** Server for deployment and used **JIRA** for tracking bugs and **JENKINS** for **continuous integration.**

**Environment**: Java, Spring, JSP, JDBC, AJAX, Bootstrap, JavaScript, Spring MVC, Web Services, PL/SQL, HTML, CSS, JavaScript, AngularJS, JSON, jQuery, Eclipse, Oracle, Log4j, EJB, JBoss, MySQL, DB2, Apache Tomcat, Junit.