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Work Experience Summary

* **7+ years** of IT experience in **analysis, design, development and implementation** of using **Java** and **J2EE** technologies.
* Working knowledge in distributed environment, **OOAD** concepts, good understanding of **Software Development Lifecycle** (**SDLC**) and familiarity of **Service Oriented Architecture** (**SOA**).
* **3 years**’ Experience in **AWS** (Amazon Web Services) services like (**S3, EC2, ELB, EBS, Route53, auto scaling etc**.) and deployment services (Cloud Formation) and security practices (**IAM, Cloud watch**).
* Proficient in **OOAD** Technologies developing **Use Cases**, **Activity diagrams**, **Sequence Diagrams** and **Class diagrams** using case tools like **Microsoft Visio**. Experience in writing **SQL, PL/SQL** and **DB2** programming.
* Handled operations and maintenance support for **AWS** cloud resources which includes launching, maintaining and troubleshooting **EC2** instances, **S3 buckets**, **Virtual Private Clouds (VPC**), **Elastic Load Balancers (**ELB) and **Relational Database Services (RDS).**
* Amazon **IAM** was used to maintain the user credentials and involved in creating custom IAM policies to various groups defined within the organization. Created **AWS** Route53 to route traffic between different regions.
* Developed API**AWS** for using Lambda to manage the servers and run the code in the **AWS.**
* Created **AWS** Security Groups for deploying and configuring **AWS EC2** instances.
* Experience in building applications using various technologies like **Java, spring, Struts, JSF, Hibernate, JSP, JavaScript and XML.**
* Expert level skills on **jQuery, JavaScript**, **AJAX, JSON, HTML, DHTML, CSS, Tag Libraries**.
* Experience with various persistence mechanisms and **APIs** like **JPA**, **JDO** (Java Data Objects), **Hibernate**, **EJB**.
* In depth knowledge on core java concepts such as **OOPS, Collections, Threading, Exception handling, Execution services, concurrent utilities, File IO, Garbage Collection.**
* Worked on **HTML, XHTML, CSS, Bootstrap,** Concepts and process.
* Transaction implementation (CMP, BMP, Message-Driven Beans), **JMS, Struts, Spring, Swing**, **Hibernate, Java Beans, JDBC, XML, Web Services, JNDI, Multithreading Executor Services etc.**
* Installed, configured, and managed the servers **AWS**, **Linux**, **Tomcat**, **Apache**,**MySQL**, **MongoDB).**
* Extensive experience in using **Application servers JBoss and Apache Tomcat.**
* Working Knowledge and Implementing and administrating **JBoss, Oracle WebLogic environment** including troubleshooting, applying applications patches, custom code promotions and system monitoring.
* Strong experience in test driven development, particularly using **JUnit** framework. Worked in **Agile/SCRUM** and **Waterfall** development methodology.
* Good Knowledge of using IDE Tools like **Eclipse, NetBeans**for Java/J2EE application development.
* Hands on experience with build tools like **ANT**, **Maven.**
* Expertise in testing with **Junit** using tools like **JMeter.**
* Experience in **Jenkins** integration service for software development.
* Experience with front-end frameworks - **Bootstrap, Materialize CSS, jQuery Mobile**.
* Experience in working with the **NoSQL**, **Mongo DB**, and **Apache Cassandra**. Implementing or exposing the **Microservices** to base on **RESTful API** utilizing **Spring Boot** with **Spring MVC** and
* Experience with Open source frameworks using **Struts**, **Spring Batch**, and **Hibernate** and used design patterns like **Singleton, DAO, Factory, DTO, and MVC.**
* Proven experience in writing Queries, Stored Procedures, Triggers, Cursors, Functions and Packages using **TOAD.**
* Experience in database modeling, design and development of **PL/SQL stored procedures**, **packages** in relational databases: **Oracle, IBM DB2**, M**ySQL, and SQL**, **MongoDB** and **DynamoDB.**

Technical Skills:

|  |  |
| --- | --- |
| Java/J2EE Technologies | Servlets, JDBC, JMS, JPA JNDI, RMI, EJB, JFC/Swing, Java Beans, Applets, Multi-threading, Java Networking, Templates, Hibernate |
| Programming Languages | Java, C++, SQL, PL/SQL, Python, Scala. |
| AWSCloud Technologies | EC2, Elastic Beanstalk, IAM, Cloud Watch, Cloud Trail, Cloud Formation, EBS, S3, Glacier, Route53, VPC, Lambda, Auto Scaling, Dockers, Redshift, SNS, SQS, SWS, DynamoDB |
| Application/Web Servers: | Oracle/BEA WebLogic, JBoss, Apache Tomcat. |
| Frameworks | Struts, Spring, Hibernate, |
| IDEs | Eclipse, Net Beans, RAD, WSAD. |
| Web technologies | JSP, JavaScript, jQuery, AJAX, XML, XSLT, HTML, DHTML, CSS, Bootstrap, |
| Web Services | JAX-WS, JAX-RPC, JAX-RS, SOAP, WSDL, REST |
| Methodologies | Agile, Scrum, RUP, TDD, OOAD, SDLC Waterfall model |
| Modeling Tools | UML, Rational Rose, Microsoft Visio |
| Testing technologies/tools | JUnit, Log4j. |
| Databases | Oracle DB2, SQL, MySQL, SQLite, MongoDB, DynamoDB. |
| Build Tools | ANT, Maven |
| Platforms | Windows, Unix, Linux |
| Version control Tools | GIT, SVN, CVS. |

Professional Experience:

**Client: Capital Technology Information Services, Maryland.**

**Role: Java AWS Developer**

**Duration: February 2020 –Present.**

**Responsibilities:**

* Experience on modifying the existing Backend code for different level of enhancements.
* Involved in **J2EE patterns MVC, Dependency Injection (DI), Inversion of Control (IOC), Data Access Object (DAO), Business Delegate, Service Locator** and **Singleton** for the enterprise application.
* Developed test cases and performed unit testing using **JUNIT Test case**.
* Developed different **JavaBeans** and helper classes to support Server-Side programs.
* Experienced in the architecture, design and development of high traffic application built in Java/J2EE using**MVC** architecture integrating spring,**Hibernate** and **Struts frameworks** in **SOA**.
* Rewrite existing Java application in **Python** module to deliver certain format of data.
* Wrote **Python** scripts to parse XML documents and load the data in database.
* Used spring as an application framework to build the Services layer and implemented its core modules such as **Spring Core Container, Inversion of Control, Data Access** and **MVC** and Used **XML/java /annotation spring boot** configurations.
* Implemented **ORM (Object Relational Mapping)** framework with Hibernate for mapping Java classes and database tables.
* Designing and implementing scalable, **Restful** and **micro services**-based mobile backend. The backend is being written in Java using **Spring Boot** for simplicity and scalability.
* Experienced in coding Web Services with **JAX-WS (SOAP) and JAX-RS (Restful**). Used **Apache Tomcat** as application servers to handle the deployments of different applications.
* Proficient in executing CLI commands along with Web GUI for **IBM DataPower** XI 52 and XI50.
* Hands on experience on GitHub as Version control for code repository and Jenkins for continuous integration.
* Experienced **with security groups, network ACLs, Internet Gateways**, and **Elastic IP's** to ensure a safe area for organization in AWS public and private cloud.
* Hands on experience on **elastic load-balancers (ELB)** for different applications to provide high performance of applications.
* Proficient in executing CLI commands along with Web GUI and XML Management Interface for **IBM**.
* Implemented design patterns in **Scala** for the application.
* Have theoretical knowledge on **Amazon API Gateway** and Amazon Cognito.
* Experience on **Route53** to manage DNS zones and assign public DNS names to elastic load balancers IP's.
* Build scripts on **AWS** cloud for scheduling **EC2 auto scaling load balancer** with **python SDK**.
* Good experience with **Dynamo DB** and **Redshift, Lambda.**
* Develop quality code adhering to **Scala** coding Standards and best practices.
* Documented the requirements including the available code which should be implemented using Spark, Hive, HDFS, HBase and Elasticsearch.
* Developed a Spark job in Java which indexes data into **Elasticsearch** from external Hive tab Administer CI/CD(Jenkins) tools stack administration and maintenance.
* Bottle micro-framework implemented with REST API and **MongoDB** NoSQL as back end database.
* Had knowledge on **Kibana** and Elastic search to identify the **Kafka** message failure scenarios
* Knowledge of using flux architecture in ReactJS for building client-side web application.
* Worked on micro services project- to build **docker** containers and deploy to Dev, iTest, Scale, UAT (SIT), PROD
* Good understanding of **OpenShift** platform in managing **Docker** containers and Kubernetes Clusters.
* Proficient in developing Single Page Applications (SPA) using JavaScript MVC framework such as **React** JS
* Performed Migration test and use cases for applications to **AWS cloud** with public and private IP ranges to accelerate development productivity by decreasing test-run times.
* Experience on **Amazon IAM service** enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of **AWS IAM** and involved in developing the Web services using **AXIS2 framework**.
* Worked closely with Testing team for issue fixing and coordinating test set up for testing.

**Environment**: Java, Spring Core, Spring Boot, Spring Tomcat, Node JS, HTML, JavaScript, AngularJS, React JS, Redux, EC2, S3, SNS, SQS, Auto Scaling, Route53, RDS, JDBC, JPA, Hibernate, Spring JDBC Template, Git, Jersey, Rest, SOAP, XML, XSD, XSLT, Servlets, JSP, Apache Kafka, MySQL, JUnit, Mockito, Jenkin, Agile, Maven. MySQL.

**Client: Silicon Valley Bank, Tempe, Arizona**

**Role: Java AWS Developer**

**Duration: December 2018 To February 2020**

**Responsibilities:**

* Involved in Software Development Life Cycle (SDLC) coding, testing of the components and fine-tuning of the code and implementation.
* Designing, developing, testing and deployment of large-scale **Web** and **Enterprise** applications.
* Developing application services using **Spring boot** and **microservices** architecture.
* Proficient in executing CLI commands along with Web GUI and XML Management Interface for **IBM DataPower administrative tasks.**
* Developed API for using **AWS Lambda** to manage the servers and run the code in the DB.
* Creating project structure and setting up framework related configurations using **Maven**.
* Actively participating in Sprint Planning and story points estimations.
* Proficient in executing CLI commands along with Web GUI and XML Management Interface for **IBM**.
* Developed Merge jobs in **Python** to extract and load data into MySQL database.
* Developed **Python** batch processors to consume and produce various feeds.
* Writing test cases for **client side**, **server side** and API specifications with, Mockito, Power Mock and Swagger.
* Working on System level services like JMS, Java Mail, Scheduling and Data Source.
* Integrating and implementing cloud technologies using **Java**, J2EE, **Spring Boot**, **Angular JS**, **JavaScript** framework and executing tasks such as coding, development, validation.
* Developed Terraform scripts to create the AWS resources such as **EC2**, Auto Scaling Groups**, ELB, Route53, S3, SNS** and Cloud Watch Alarms.
* Worked with **AWS Lambda** using automate resource creation, perform compliance checks and cost optimization.
* Created **AWS Lambda** using java to perform event driven processing.
* Worked with Docker to containerize and deploy APIs.
* Coding experience in developing MQ adapters using MQ series for Java and MQ series JMS.
* Experience on configuring auto scalable and highly available microservices set with monitoring and logging using AWS, **Docker**, Jenkins and Splunk.
* Used Spring **Kafka** API calls to process the messages smoothly on **Kafka** **Cluster** setup
* Worked with advanced **MVC** framework such as Spring-IOC, AOP, MVC and batch which is used for implementing backend functionality.
* Used **Rabbit MQ** (Message queues) for reliable and asynchronous exchange of important information between multiple business applications.
* Implemented design patterns in **Scala** for the application.
* Worked with **S3, stack** for creating monitoring and analytics solutions.
* Worked on creating and automating Acceptance Tests for ATDD using Java.
* Develop quality code adhering to **Scala** coding Standards and best practices.
* Utilized MongoDB database management system for keeping user generated data.

**Environment**: Java, Spring Core, Spring Boot, Spring Tomcat, Node JS, HTML, JavaScript, AngularJS, React JS, Redux, EC2 EC2, S3, SNS, SQS, Auto Scaling, Route53, RDS, JDBC, JPA, Hibernate, Spring JDBC Template, IBM BPM 8.5, Savvion 2013/764, Apache Kafka, Git, Jersey, Rest, SOAP, XML, XSD, XSLT, Servlets, JSP, MySQL, JUnit, Mockito, Jenkin, Agile, Maven. MySQL.

**Client: Agilent Technologies**, **Wilmington, Delaware.**

**Role: Java AWS Developer**

**Duration: October 2017 To November 2018.**

**Responsibilities:**

* Responsible for Analyzing, designing, developing, coordinating and deploying web-based application
* Developed application using **Eclipse IDE** using most of the Core and Advance Java Concepts.
* Designed front end application for app properties using **Spring MVC** and **jQuery.**
* Developed Business Logic using **Python** on Django Web Framework.
* Involved in the development of **Enterprise Java Beans (EJB)** to implement Business logic for maintaining state information and database operations.
* Worked with IAM service creating new IAM users & groups, defining roles and policies and Identity providers. Developed multiple Restful API to interact with **MongoDB**.
* Involved in modifying some changes in **DAO** layer using Hibernate.
* Used IBM RAD for development and WebSphere Application Server for deployment. Continuous Integration for IIB components using GIT, Jenkins and IBM UCD.
* Upgraded existing UI with **HTML5, CSS3, jQuery** and **Bootstrap.**
* Experience with setting up Elasticsearch cluster in **AWS.**
* Worked with IBM on problem determination, troubleshooting, and resolution.
* Developed entire frontend and backend modules using **Python** on Django Web Framework.
* Researching JavaScript based frameworks like **React** Native and Ionic/Cordova for frontend.
* Designed and Developed Styled components for styling React Components.
* Develop quality code adhering to **Scala** coding Standards and best practices.
* Used CI/CD tools Jenkins, Git/Gitlabs, Jira and **Docker** registry/daemon for configuration management and automation using Ansible.
* Created tabbed interface for the Build Job Orders application using Angular 4.0, HTML and Typescript.
* Developed pixel perfect web pages by using **CSS3** and Bootstrap
* Have knowledge on partition of Kafka messages and setting up the replication factors in **Kafka** Cluster
* Developed user interface by using the **React JS** for SPA development
* Migrating the application to cloud environment using the **Amazon web services-EC2, S3** and various services of AWS.
* Designing **RabbitMq** queues and exchanges and binding relation between them.
* Involved in designing and developing the web pages using HTML 5, CSS3, JavaScript, Bootstrap, SASS, LESS, React.js, **Redux**.js.
* Developed API for using **AWS** Lambda to manage servers and run the code in **AWS**.
* Used Microservice architecture, with **Spring Boot**-based services interacting through a combination of **REST** and leveraging **AWS** to build, test and deploy micro services.
* Used Spring **Kafka** API calls to process the messages smoothly on Kafka Cluster setup
* Developed forms for user event handling and validations using **JavaScript** and **AJAX.**
* Implemented the function to send and receive AMQP messages on **RabbitMQ** synchronously and asynchronously and send JMS message to Apache **ActiveMQ** on the edge device.
* Provided **WebSphere application** server related support for various application development and application testing tool.
* Developed client-side Interface using React JS.
* Involved in the code review, bug tracking and defects solving.;
* Developed build script using **ANT** to build and deploy the web app.
* Involved in writing **SQL Queries**, stored procedures to access the database and triggers to restrict the user access based on their roles.

**Environment**: Java8, JSP, jQuery, OSGI, Eclipse, Servlets, Spring, Struts, JavaScript, React JS, Redux, HTML/DHTML, XML, XSLT, DWR, AJAX, SSO, SAML, Web Services, SOA, Apache Kafka, Hibernate, Flex, Rational Clear case, ANT, Oracle,AWS EC2,S3, WebSphere, WSAD, Angular2, React JS, Selenium Web Driver, Jenkins, SOAP A, TestNG, Firebug and XPath.

**Client: HDFC Bank Ltd, Hyderabad, India.**

**Role: Java/J2EE Developer**

**Duration: April 2015 to July 2017**

**Responsibilities:**

* Identified the Business requirements of the project. Involved in preparing System Requirements for the project.
* Developed the applications using **Java, J2EE, Struts, JDBC.**
* Worked on various use cases in development using Struts and testing the functionalities.
* Involved in preparing the High Level and Detail level design of the system using **J2EE**.
* Created **struts form beans, action classes, JSPs** following **Struts framework standards**.
* Implemented the database connectivity using **JDBC** with **Oracle** database as backend.
* Involved in the development of underwriting process, which involves communications without side systems using **IBM MQ** and **JMS**.
* Taken care of complete Java **multi-threading** part in back end components.
* Developed and maintained **UNIX** shell scripts for data-driven automatic processing.
* **Apache Ant** was used for the entire build process.
* Used **Rational Clear Case** for version control and **JUnit** for unit testing.
* Used quartz scheduler to process or trigger the applications daily.
* Configured **WebSphere** Application server (**WAS**) and deployed the web components.

**Environment**: Flex, EJB, Struts, spring, JSP, Servlets, Jasper reports, JMS, IBM MQ, XML, SOAP, UDDI, WSDL, JDBC, JavaScript, XSLT, XML, UML, HTML, JNDI, Rational Rose, Oracle, IBM WebSphere (WAS), Clear Case, ANT, JUnit, IBM RAD, and Apache Tomcat, RAD.

**Client: Enrapt Techno Solutions, Chennai, India**

**Role: Java Developer**

**Duration: January 2013 to March 2015**

**Responsibilities:**

* Involved in the **Requirements collection & Analysis** from the business team.
* Implemented the MVC architecture using Apache **Struts** Framework.
* Implemented **Action Classes** and **server-side validations** for account activity, payment history and Transactions.
* Implemented views using **Struts tags, JSTL** and **Expression Language**.
* Implemented **Tiles Framework** for the **view’s layout**.
* Implemented **session beans** to handle **business logic** for fund transfer, loan, credit card & fixed deposit modules.
* Worked with **JAXB**, **SAXP** and **XML Schema** for exporting data into XML format and importing data from XML format to data base and **JAXB** in the web service's request response data marshalling.
* Implemented the **web services** client to consume the third-party service API for validating credit cards. Used **XMLWeb Services** using **SOAP** to transfer the amount to transfer application that is remote and global to different financial institutions.
* Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important information such as payment status report.
* Developed **Unit test cases** using **JUnit.**
* Developed **Ant scripts** and developed builds using **Apache ANT.**
* Used Clear **Case** for **source code maintenance**.

**Environment**: J2EE, Java, Struts, Tiles, JSP, JNDI, Clear Case, SOAP, WSDL, UDDI, JAXB, JAXP, Schema (XST), EJB, ANT, JavaScript, JMS, Rational Rose, WSAD, DB.

Education:

Bachelor of Technology from Jawaharlal Nehru Technological University Hyderabad, India.