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Professional Summary:

- Full Stack Developer with over **8 years** of experience in **Software Development Life Cycle (SDLC)** Like Analysis, Design, Coding, Testing, Debugging and expert in working **Agile, Rapid Application Development (RAD) and Waterfall Model.**
- Extensive Experience in developing applications using Java Technologies include **Core Java, OOPs, Java Server Pages (JSP), Custom Tags Library, XML, JDBC, JMS, Java Beans, Model View Controller (MVC), Spring framework, Hibernate and Web services.**
- Extensive Experience in design and development of various web and enterprise-level applications using **Java/J2EE** Such as **Spring MVC, Hibernate, EJB, Servlets, JSF and Google Web Toolkit.**
- Extensive Experience in developing Cloud Native Application with **Spring Framework and Spring Boot.**
- Proficient in developing **Restful MicroServices** as **Spring Boot** Application.
- Expert in developing web based distributed and Front-End Application using three tier architecture using **HTML5, CSS3, Java Script, JQuery, Bootstrap, Angular and Ajax.**
- Experience in using **Angular.JS** as a framework to create a **Single Page Application (SPA)** which can bind data to specific views and synchronize data with the server.
- Strong experience in developing **Hibernate** based **DAO** layer, Transactional based service layer for business logic and integrated all these layers **using Spring Dependency injection, ORM and Web modules.**
- Experienced in Development, testing and deployment of enterprise applications on **Windows and UNIX** platforms using **IDE's** such as **Eclipse.**
- Experience in **Java 8** features such as **lambda** expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms and Streams to store and process the data.
- Experience with **Docker** images, Containers, push/pull with **Spring Boot**, used **Jenkins** for CI/CD.
- Good experience on working with **Amazon Web Services (AWS)** like EC2, S3, Amazon SimpleDB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon CloudFront.
- Experience in working with various Application Servers like **IBM Web Sphere, Web Logic, JBoss** and **Apache Tomcat** Servers.
- Proficient in using build tools as **ANT, Gradle, Maven** to compile, package the components to the Application Servers. Developed **MAVEN** scripts for customizing **WAR/ JAR** file management for web applications.
- Expert in Build Tools like **CI/CD-ANT, Maven, Jenkins** and logging tools like **Log4J.**
- Hands-on work experience in implementing **SOA** architecture with **SOAP (JAX-WS)** and **REST (JAX-RS)** web services.
- Extensive Experience in working with multiple databases like **Oracle, SQL Server, MySQL, DB2, PostgreSQL and SQLite and NOSQL** Databases like **(MongoDB, Cassandra, DynamoDB, Infinity).**
- Experienced in an **agile** environment that involved daily stand-ups and **scrum** ceremonies
- Committed to excellence, self-motivator, fast-learner, team player, ability to deal with people diplomatically and a prudent developer with strong problem-solving skills and communication skills.

Technical Skills:

Languages	Java 8, SQL
Java/J2EE Technologies	Core Java, JSP, Servlets/Applets, JDBC, JNDI, JMS, JSTL, Java Beans, Java Multithreading, Generics and Collections, EJB, Tiles, IBM MQ Series
Web Technologies	JavaScript, XPath, XML, JSON, YAML, AJAX, jQuery, Angular 6+, Bootstrap
Frameworks	Spring (IOC, AOP, Boot), Hibernate,SpringBoot, Angular
Design & GUI Tools	Eclipse, NetBeans, Intelliji
App servers	IBM WebSphere, Apache Tomcat, BEA Web Logic, JBoss
Databases/Tools	Oracle, SQL Server, MySQL, PL/SQL Developer
Design/Version Control	UML, , SVN, GitHub,BitBucket

Methodologies	Agile, Waterfall
Operating Systems	Windows, Linux, UNIX

Educational Background:

- **Bachelor of Science in Computer Science**   University of Houston Clear Lake, Houston ,Texas
- **Bachelor of Science in Information and Technology**   Manipal University, Sikkim Tadong 5th Street

Training:

 • Diploma in Software Engineering (NIIT)   March 2011
 • Full stack web developer (Broadway Infosys)   August 2012

Professional Experience:

Client: Visa Inc. CA   **Nov 2022 – Till date**

Role: Java Backend Developer

Responsibilities:
- Jenkins Automation for the **CI/CD** workflows pipelines to build and deploy applications.
- Utilized **GCP**, **Kubernetes**, and **OpenShift** to enhance application scalability and deployment efficiency.
- Used Spring/Spring Boot framework for **Inversion of Control** (IoC) and created new endpoints for **REST APIs**.
- Implemented Lightweight H2 and Oracle databases for performing **CRUD** operations.
- Employed version control tools like **Git, GitHub**, and **Bitbucket** for development and code management.
- Utilized **Rally** to update work progress and collaborate with team members.
- Implemented **XML** and **JSON** as media types for **RESTful API** operations.
- Utilized **JPA** Hibernate to map data types with database tables and **SQL** data types.
- Designed and developed Java collections API with Java 8 features and extensively used Spring Security for authentication and authorization.
- Implemented **Log4J** framework for logging purposes.
- Involved in building database models, **APIs** and views utilizing **Python**, in order to build an interactive web based solution.
- Created data mapping documents with source systems data and the **Actimize** Model database.
- Worked with senior architect and data modelers to plan and design **Actimize** model and its underlying data structure at early stages of the high-level design process.
- Installed and configured **AIS**, **RCM** Platforms and **IFM** Solutions.
- Created user controls and simple animations using **Java Script** and **Python**.
- Conducted thorough analysis and debugging of **OIPA's C#** scripts and resolved complex technical issues, contributing to an increased system stability and reduced downtime.
- Collaborated with the actuarial team to incorporate actuarial calculations and tables into **OIPA**, ensuring compliance with insurance regulations and standards
- Performed unit testing using **JUnit** and **TestNG**, as well as integration testing using **Mockito** for functional testing of the entire application.
- Implemented solutions using **Hadoop**, **Apache Spark**, **Spark Streaming**, **Spark SQL**, **HBase** and **Scala**.
- **Kafka** integration with **Spark** using **Spark** Streaming API.
- Worked on **Scala** for implementing **spark** machine learning libraries and **spark** streaming.
- Implemented **Spring boot** microservices to process the messages into the **Kafka** cluster setup.
- Implemented to reprocess the failure messages in **Kafka** using offset id.
- Implementation of different exporters to get metrics of the **OpenShift** components and servers.
- Creation and Follow-up of **RedHat** Cases to solve problems/bugs with the **OpenShift** Platform or **OS**.
- Employed Maven for compilation and building **JAR** and **WAR** files.

- Acted as a mentor and subject matter expert for **Oracle Insurance Policy Administration** and **C#**, providing training and support to junior team members and colleagues.
- Utilized **Agile** methodology for reporting work progress.

Environment: Spring, Spring Boot, JSP, Hibernate, EJB, Log4J, Mockito, Actimize, Kafka, Maven, Oracle or H2, OIPA, IntelliJ, GCP, Kubernetes, Spark, OpenShift, RedHat and Windows.
References: Will be provided upon request.

Client: Charter Communication, Denver, CO.   **July 2021 – Oct 2022**
Role: Full Stack Developer
Responsibilities:
- Involved in analysis, specification, design, and implementation and testing phases of **Software Development Life Cycle (SDLC)** and used **Agile Methodology (SCRUM)** for developing applications.
- Responsible for developing java components using **spring, Spring JDBC, Spring Transaction Management.**
- Implemented **MVC** design pattern using **Spring Framework.**
- Developed the application using **Java 8** and implemented its features like lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each.
- Developed the business layer using **Spring Boot.**
- Used **Micro services** architecture, with **Spring Boot** based services interacting through a combination of **REST** and **Spring Boot.**
- Deployed **Spring Boot Microservices Docker** container using **Amazon EC2** container services and **AWS**.
- Designed, developed and maintained the data layer using **Hibernate** and performed configuration of **spring Application Framework.**
- Worked on **Big Data** Integration & Analytics based on **Hadoop**, SOLR, **Spark**, **Kafka**, storm and web methods.
- Implemented **Kafka** producer and consumer applications on **Kafka** cluster setup with help of Zookeeper.
- Used **Spring Kafka API** calls to process the messages smoothly on **Kafka** Cluster Setup.
- Developed Data Ingestion application to bring data from source system to HBase using **Spark** Streaming, **Kafka**.
- Data segregation/categorization is performed based on the requirement using **Spark** Streaming **API** (Transformations & Output Operations) on the data stored in HBase.
- Created data mapping documents with source systems data and the **Actimize** Model database.
- Worked on developing asp.net test pages to test the **Actimize** functionality using **Actimize** APIs.
- Used **HTML5, CSS3, Java Script, Bootstrap, Angular.JS** and **Node.JS** as frontend building Environment.
- Used **Angular 6** to create a Single Page Application (SPA). Enhanced application performance by **Angular 6** Component based development in view of future **Angular framework** transitions.
- Worked on **Angular.JS** which combines web applications with Model View Controller capability to make development and testing of code efficient.
- Implemented **Micro Services** using **PCF** (Pivotal Cloud Foundry) platform build upon **AWS**.
- Managed **AWS (**Amazon Web Services) like **EC2**, **S3** bucket, **ELB**, **Auto-Scaling**, **SNS**, **SQS**, **AMI**, **IAM**, **VPC** (Virtual Private Cloud), **CloudFront** through **AWS** Console and **API** Integration.
- Developed web applications like message posting and auto complete form valuations using **JSON, AJAX, and DOM** scripting.
- Used **Hibernate** for **Object Relational Mapping** and **Hibernate Query Language.**
- Used the **J2EE design patterns** like **Value Object Pattern, Business Delegate, Service Locator and Session Façade, Singleton, Factory and DAO.**
- Created and compiled **XML** Schema to generate Java Bean classes.
- Implemented caching techniques, wrote **POJO** classes for storing data and **DAO's** to retrieve the data and did other database configurations using **EJB.**
- Used **GIT** as a version control system and deployed the application in the Production environment and implemented **Log4J** for Logging Errors.

- Installation, configuration of **OpenShift** components to enable monitoring, cluster metrics components like hawkular-Cassandra, hawkular-metrics, heapster.
- Implementation of different exporters to get metrics of the **OpenShift** components and servers.
- Wrote and debugged the **Maven** Scripts for building the entire web application.
- Worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
- Written **SQL** queries **PL SQL** Stored procedures, functions, triggers, cursors, sequences, and indexes, which are going to be invoked by Batch processes.
- Managed and maintained **NoSQL (MongoDB)** database in production domain.
- Developed feature components in an **agile environment (Scrum)** utilizing a **Test Driven Development (TDD)** approach.
- Providing the weekly status to clients with key accomplishments, project progress and status of the items to be delivered.

Environment: Java 8, spring, Spring Boot, MVC, Micro Services, Hibernate, Bootstrap, Spark, HTML5, CSS3, JavaScript, Angular 6, Angular.JS, Node.JS, Actimize, Kafka, Docker, OpenShift, Jenkins, DAO, POJO, AJAX, JSON, XML, REST, GIT, EJB, Log4J, Maven, MongoDB, SQL, Agile, TDD, and Windows.

Client: Budco Financial, Detroit, MI.   **Apr 2020 – May 2021**
Role: Full Stack Developer
Responsibilities:
- Involved in Requirements gathering, analysis and design and documentation as the application was started from scratch.
- Used **Spring MVC** framework to develop applications.
- Used **spring framework** to achieve loose coupling between the layers thus moving towards **Service Oriented Architecture (SOA)** exposed through **Restful** Services.
- Used **Java 8** features like **lambda** expressions for communicating between business layer and database, **stream API** for Bulk Data Operations on Collections using both streams and parallel streams.
- Involved in writing **Java API** for **Amazon Lambda** to manage some of the **AWS** services.
- Involved in developing the application for incident creation and retrieving the events using **restful** web services with **spring Boot.**
- Used **Spring Boot** to rapidly develop the application with certain **micro services** and deployed them with the application.
- **Hive** external tables are created mapped to the data stored in the **HDFS** and **Hive** tables are accessed using **Spark SQL**.
- Involved in design and development of server side layers using **XML, JSP, JDBC, JNDI, EJB and DAO** patterns using **Eclipse IDE.**
- Worked on **OIPA**'s (**Oracle Insurance Policy Administration**) configuration using Rules Palette.
- Involved in design and development of **UI** components, using frameworks **Angular.JS, JavaScript, HTML5, CSS3 and Bootstrap.**
- Implemented observables to get a pattern of dealing with data by using array-like operations to parse modify and maintain data in **Angular 4.**
- Used **Angular 2** Directives, Filters, 2-way Data Binding, Services, Templates, Routing and MVC Dependency Injection to build Single-Page-Applications in a clean and maintainable way.
- Worked on creation of custom **Docker** container images, pushing images, integration of **Spring Boot**.
- Implemented **JSF** framework to simplify the development of various UI components.
- Used **AWS** to deploy the project on **EC2** instance.
- Developed **Hibernate** persistence layer modules using **EJB Java Persistence API (JPA)** annotations and Entity Manager.
- Used **Java Mailing or Messaging Service (JMS) API**'s for mailing detailed notifications depending upon the success and failure once the backend process is complete and also for mailing administrator of any system related problems.
- Integrated **Hibernate ORM** framework with **spring framework** for data persistence and transaction management.

- Used **JSF** for internal report generation by fetching data from a database with customized view using **CSS** and **AJAX** for form processing.
- Used **Log4J** for External Configuration Files and debugging.
- Used **Maven** to build the application and deployed on **Apache Tomcat** Server.
- Used **Jenkins** as the integration tool and improved scalability of applications on cross-platforms.
- Worked with **NoSQL** database **MongoDB** to perform asynchronous operations.
- Worked on **SQL** queries and **PL/SQL** and actively involved in the production support.
- Participated in **Agile** development and worked in different sprints with daily standup meetings and progress reporting.
- Actively participated and provided feedback in a constructive and insightful manner during weekly Iterative review meetings to track the progress for each iterative cycle and figure out the issues..
- Customized and enhanced the policyholder portal by integrating OIPA with web technologies, allowing policyholders to view policy information, make payments, and submit claims online.

Environment: Java 8, Spring, Spring Boot, OIPA, Hibernate, Spark, MVC, Micro Services, Eclipse, HTML5, CSS3, JavaScript, Angular 4/2, Angular.JS, Docker, Jenkins, JMS, JSF, XML, JDBC, JNDI, DAO, AJAX, Log4J, EJB, Maven, MongoDB, SQL, Agile and Windows.

Client: Premier Healthcare, Charlotte, NC.   **Jan 2019 – Feb 2020**
Role: Java/J2EE Developer
Responsibilities:
- Design, develop, test and implement web-based applications to support business requirements.
- Used **Java- J2EE patterns** like Model View Controller (MVC), Business Delegate, Data Transfer Objects, Data Access Objects, factory patterns.
- Developed user interface using **JSP, JSP Tag libraries**, third party libraries and **Java Script** to simplify the complexities of the application.
- Developed **JSP screens** using Tiles, custom **TagLibs, JSP** templates and **JSTL.**
- Developed Controller class and defined **spring** configuration mappings.
- Involved in designing and developing the application using **Spring MVC** and **Hibernate** as the **ORM.**
- Designed and Implemented and Developed **REST Microservices** using **Spring Boot**.
- Developed and deployed Microservices based applications using **Spring Boot and Spring Cloud**.
- Designed and developed very complex and large web pages using **Angular JS** library with **AJAX and JSON.**
- Involved in designing and developing the front end of the application using **JSP**, **Java script**, **AJAX**, **HTML and CSS**.
- Developed interactive web application using **Node.js, a pure JavaScript** application framework.
- Used **Hibernate as ORM** tool and defined the mapping and relationship of each table in the database to java objects.
- Used **Hibernate** for handling the database access.
- Developed **RESTful** Web services client to consume **JSON** messages.
- Used **Log4j** to provide central logging facility, comes under singleton design pattern.
- Led the migration of data into OIPA using C# scripts and ETL tools, ensuring data integrity and enabling the company to decommission legacy systems, saving XX% in maintenance costs.
- Involved in writing the **ANT** scripts to build and deploy the application.
- Used web servers like **Apache Tomcat** to deploy applications and worked on deploying applications on **AWS cloud** environments.
- Link **OIPA** to the CRM (Customer Relationship Managements) , customer portals, and payment systems.
- **Performance Tuning** using **OIPA** that involves optimizing database queries, setting up appropriate caching strategies, or managing server resources effectively.
- Worked on **SQL** queries and **PL/SQL** and actively involved in the production support.
- Followed **Agile and SCRUM** methodologies and participated in daily scrum stand up meetings during the development process.
- Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.

Environment: Java/J2EE, Spring, Spring Boot, Hibernate, JSP, JDBC, JNDI, XML, HTML5, DHTML, CSS3, JavaScript, jQuery,

AJAX, JSON, Angular.js, EJB, Log4j, ANT, SQL, PL/SQL, OIPA, Agile and Windows.

Client: Citizens Insurance Jacksonville, FL.   **Jan 2015 – Nov 2018**
Role: J2EE Developer
Responsibilities:
- Involved in **Analysis, Design, Development, UAT** and Production phases of the application.
- Worked on **Annuity** plans (Ultimate fixed product).
- Worked on **OIPA**'s (**Oracle Insurance Policy Administration**) configuration using Rules Palette.
- With uses of **OIPA manage** the security standards and needs, and add additional security measures, such as encryption or advanced authentication methods.
- Designed and developed **JSP Pages** using **Spring Framework** and **Tag libraries.**
- Involved in implementing the feature using **spring framework.**
- **Spring Boot** services were developed using **micro service** architecture with **RESTFUL.**
- Integrated the application with **Spring Framework** for implementing Dependency Injection and provide abstraction between presentation layer and persistence layer.
- Used **Spring Boot** for developing **Micro service** architecture.
- Used **Spring Boot** to be collecting the data from users and packaged the data as **JSON** distributed to applications.
- Designed dynamic and multi-browser compatible pages using **HTML5, CSS3, JQuery and JavaScript.**
- Did **Spring POC** on **Spring Boot** for the application development.
- Used **Hibernate** to establish connectivity to the database.
- Done validations through **Angular.js** for the form field validation implemented through **HTML5** and **CSS3.**
- Developed and deployed **EJBs** into **BEA Weblogic** application server.
- Used **Log4J** for logging.
- Used **Maven** for compilation and building **JAR, WAR.**
- Monitored team members to follow standards, guidelines and use new tools.
- Developed and maintained the integration layer between Oracle Insurance Policy Administration (OIPA) and external systems using C# and Web Services, ensuring seamless data transfer and reducing processing time
- Designed and configured insurance products within OIPA, including life, annuity, and health policies, contributing to a 25% increase in product offerings and streamlining policy administration.

Environment: Spring, Spring Boot, OIPA, JSP, Hibernate, HTML5, CSS3, Angular.JS, EJB, Log4J, Maven and Windows.