

### Summary:

- Over 10 years of IT experience in Object Oriented and Java/J2EE applications development.
- Actively worked in each phase of Software Development Life cycle SDLC: Requirements, Specification, Design, Implementation, and Testing.
- Have knowledge of Agile Methodologies like Extreme programming, SCRUM.
- Good at Object Oriented Concepts and Design OOC/OOD.
- Experience in building E-Commerce applications.
- Experienced in application development for Cloud platforms using technologies like Java/J2EE, Spring Boot, Spring Cloud, Micro Services , REST and others
- Worked on Python plugin on MySQL workbench to upload CSV files
- Excellent industry experience developing efficient, portable, web-based user interfaces using Angular JS, Bootstrap, JSP, HTML, HTML5, DHTML, JavaScript, CSS, CSS3, and AJAX.
- Good knowledge of core design patterns and J2EE design patterns like MVC, Session Business Delegate and Data Access Object.
- Management of relationship with the client, key stakeholders, subject matter experts
- Hands-on experience with industry-standard IDEs like Eclipse and Net Beans, RAD, WSAD.
- Expert skills in application programming using Java, Servlets, EJB's, JDBC, and JMS.
- Strong knowledge in developing Web Services using SOA, SOAP, WSDL and XML.
- Experienced in developing persistence layer using O/R-Mapping tool Hibernate.
- Experienced in developing database to create its objects like tables, views, functions, triggers, and stored procedures packages using PL/SQL in Oracle, MS SQL Server, and My-SQL, DB2.
- Coding with core Java concepts like Collections, Exception Handling, Java I/O, and Generics to implement some business logic.
- Strong experience in handling different Web Servers likes Apache Tomcat and Application Servers like WebSphere, WebLogic and JBoss.
- Experience in developing Web services in Java using XML and SOAP, WSDL, UDDI.
- Good knowledge with GIT, CVS, SVN, and Rational Clear case version control systems.

### Adexec Inc, PA (Remote)

Jan 2021 – Present

#### Java Tech Lead

#### Responsibilities:

- Implemented Agile, Scrum methodologies actively involved in technical meetings, requirements gathering, analysis, planning, effort estimations, development and testing.
- Designed and developed the application using Core Java, J2EE, Struts and Hibernate.
- Designed and developed the REST based Microservices using the Spring Boot.
- Created rest based micro-services and deployed them on Amazon web services (AWS).
- Contributing to predictive / analytical modeling standards, reporting, and data analysis methodologies, model management

- Built dynamically generated dropdown lists using Ajax, jQuery UI and Angular JS.

- Involved in write application level code to interact with APIs, Web Services using AJAX, JSON and XML.
- Designed business applications using web technologies like HTML5, XHTML 2.0, and CSS based on the W3C standards.
- Used jQuery library functions for the logical implementation part at client side for all the application. Customer retail and organization Used AWS to deploy the project on EC2 instance involved in Migrating an existing on-premises application to AWS.
- Ability to rapidly prototype interface designs in hand-coded validating, standards-compliant, and semantically rich code and be aware of cross-browser compatibility and bugs.
- Thorough understanding of the differences and bugs in different browsers and versions.
- Understanding of application development lifecycle methodologies.
- Worked on implementation of modules with integration with service desk & clarity for ticket management & portfolio integration of services.
- Strong communication, analytical and interpersonal skills working within cross-functional teams
- Excellent problem solving skills and the ability to work independently.
- Extensive experience in implementing model-view-controller (MVC) architecture using Angular Framework.

Environment: Environment: Java 11, Java 1.8,AWS, Spring MVC, Sprint Boot, REST, Git, , Microservices , Typescript, CSS, Bootstrap and JIRA.

**General motors' Inc., Austin TX**  
**July 2016 – Dec 2020**  
**Java Developer**

**Responsibilities:**

- Participates in functional requirements discussion with product owners, business analysts, & other teams in designing and developing FIM components using Java related technologies.
- Creates/maintains High level architectural document for the various FIM platform components in iteration fashion (agile). Led the team in understanding the design and developing the web application.
- Playing a key role in architecture discussions for new projects/enhancements and provided proven solutions in terms of technologies, integrations, automated testing and the process.
- Designs & Develop FIM Platform components using Core Java, Spring MVC Rest Services, Spring Boot, and Gemfire, Kafka, WebLogic etc.
- Created brand new web applications using Java and Spring related web technologies & created high level API's before team starts working on various features.
- 80% of the time spent on day to day development activities, 10% on architectural discussions, process improvement and 10% of the time spent on team members code reviews, daily scrum meetings, work delegation to onshore/offshore team members etc.
- Created FIM batch jobs using spring XD and developed low latency batch jobs to process large size feeds.
- Developed POC's & production ready jobs to stream the data from various backend systems to IMDG using feeds, various database pull, Apache Spark and Kafka.
- Worked closely with the team in transitioning POC's to full size applications.
- Deployed applications to DEV/UAT Servers daily using Jenkins build and automated deployments.
- Performed Code reviews of other developers as per the standard design and coding standards
- Actively participates in Backlog refining, Sprint Planning, Sprint review sessions and also helps team in refining stories.

- Works with multiple ERP teams to bring the ERP data into in memory data grid through POC's.
- Participated and played major role in daily scrums, backlog refining, spring planning, and spring review meetings.

Environment: Core Java, Spring, Spring Boot, Spring XD, Spring MVC Rest Services, Gemfire/Geode, Kafka, Apache Camel, Apache Spark, Spring Batch, Tomcat, EHCache, HBase, Apache Spark, Hive, Sqoop, Coherence, JAXB, Git, UML, Jenkins, Maven, Hibernate, UNIX, Toad, Web-Services, SQL Server, XML and XSL(XSLT), Log4j, JUNIT, JavaScript, JAX-WS, JAXB etc.

Los Angeles Unified School District, Los Angeles CA

**May'15 – June'16**

**Sr.Java Developer**

Responsibilities:

- Participated in the analysis, design and the development of different modules for the Integration with the application.
- Designed the user interface of the application using Angular JS, Bootstrap, HTML5, CSS3 and JavaScript.
- Used Angular JS for creating responsive list renderer for single web application
- Implemented responsive web design using media Bootstrap.
- Designed the screens as per the wireframes by using the CSS styles and used Table less Design in CSS for positioning.
- Developed Java Web applications (API) called by Java batch apps using RESTful web-services to provide response in JSON format.
- Designed applications with Spring MVC Framework around Dispatcher Servlet which gives requests to handlers.
- Integrated Spring DAO for data access using Hibernate.
- Implemented Hibernate as the ORM tool for data persistence.
- Used Spring Framework for Dependency injection and integrated with Hibernate.
- Designed and created various tables in Oracle database and developed Queries and Stored Procedures.
- Deployed the application on the WebLogic Application Server over the HTTP protocol.

Environment: Java, J2EE, Spring, Hibernate, Servlets, XML, Angular JS, Bootstrap, HTML5, CSS3, JavaScript, JSON, Oracle, PL/SQL, WebLogic, Eclipse, Web services (RESTful), Log4J, GIT, JUnit, Windows, UNIX, Linux.

**Client: Publix SuperMarket, Lakeland, FL**

**May 2013 – April 2015**

**Java Developer**

Responsibilities:

- Involved in Brain Storming sessions, Scrum meetings, Sprint planning and estimation of tasks for the user stories.
- Worked in TDD Environment that includes Testing, Coding, Analyzing, Designing, Implementation and Production Support.
- Used Design Patterns like Singleton, MVC, Front Controller, Service Locator, Session Facade and DAO Involved in the front end using JSP, JSTL and jQuery, Servlets, HTML, JavaScript, AJAX.
- Developed the web application by using PrimeFaces employing AJAX at client -side components.

- Worked on Spring modules like Dependency Injection (DI), Spring AOP, Spring JMS and Spring Security.
- Used Spring JMS to post and consume the messages from the IBM MQ Server.
- Extensively used Hibernate mappings, HQL, Criteria, Lazy loading Transactions and Locking's.
- Developed Batch Rescore Tool to rescore multiple claims using Multithreading.
- Used jQuery to make the application highly interactive and used JSON objects for efficient Client-side coding.
- Worked on the modernization of a legacy and outsourced UI using AJAX and calls to backend RESTful services.
- Developed GUI using JavaScript, HTML, DOM, XHTML, CSS3 Built Web pages that are more user-interactive using jQuery plugins for Drag and Drop, AutoComplete functions.
- Extensively used Hibernate named queries, Criteria queries, Hibernate Query Language and Optimistic Locking and Caching to process the data from the database.
- Experience designing and developing applications on NoSQL databases Cassandra.
- Involved in deploying and testing the application in JBoss application server.
- Responsible for continuous monitoring and managing Elastic Map Reduce cluster through AWS console.
- Developed Unit /Integration test cases using Junit, Easy Mock, Mockito and Selenium tools.
- Used Ant/Maven tools for building and deploying the Web applications.

Environment: Java 1.7, TDD, Spring, JPA, Hibernate, Web services, jQuery, JSP, AJAX, Java Script, Jenkins, JBoss CVS, IBM MQ, Mockito, Spring MQ, Spring MVC, Web Services, JAXB, WSDL, XSD, AWS, XML, BRMS, SQL, ANT, MAVEN Cassandra.

DIRECTV, El Segundo, CA

**Java/J2EE Developer**

**Feb '10 – Apr'13**

Responsibilities:

- Interaction with the users at all stages of development to ensure that development was as per user specifications.
- Used OOD concepts in overall design and development of the system.
- User requirements study, analysis and review of the specifications.
- Designed and Implemented the J2EE Based with JDBC in Eclipse IDE.
- Work directly with management, vendors, and third parties to ensure database management applications operate at peak efficiency.
- Extensively worked on Java server side programming using Servlets, and JSP. CSS is used to style Web pages, XHTML and XML markup.
- Implemented servlets to handle HTTP requests for on-line requests, credit card payments, registration and bug tracking.
- Using XML for dynamic display of options in select box and description on web page.
- Designed complex application database SQL statements for querying, updating and reporting using JDBC.
- Responsible for testing, debugging, bug fixing and documentation of the system.
- Developed JUnit test cases and performed integration and system testing.
- Implemented Java components and deployed under the WebLogic server.

Environment: Java, J2EE, JDBC, XML, Servlets, HTML, JavaScript, JSP, CSS, SOAP, Eclipse, SQL, CVS, JUnit, Log4j, WebLogic, Windows.

**Client: Best Buy, Minnesota, MN**

**June 07 – Jan 10**

**Java Developer**

Responsibilities:

- Worked in SCRUM team for rapid development and improve coding efficiency.
- Requirement analyzing process and business logic assessment, having communication directly with clients.
- Set up spring and Hibernate framework by adding configuration in web.xml file. Wrote Hibernate Annotation for data mapping.
- Responsible for analyzing and disassembling PHP code in legacy project and did translation for functional methods in Java Code.
- Designed and developed front-end Graphic User Interface with JSP, HTML5, CSS3, JavaScript, jQuery.
- Implemented the Ajax call to get data from back-end service.
- Responsible for code compression for CSS file, JS file, and Java file to improve the system performance as well as reduce system response time.
- Implemented SQL queries and stored procedures to save user profile, order information to database and retrieve information from database.
- Developing Web Service components using SOAP service.
- Developed JUnit test case for testing functionalities the Java Code.

Environment: Java, J2EE, JSP, HTML5, CSS3, JQuery, Ajax, JavaScript, spring, Hibernate, Hibernate Annotation, REST, Oracle, SVN, JUnit, JIRA, SCRUM.

## **Education**

**Bachelor of Computer Engineering (B.E)** from **Tribhuvan University**, Kathmandu, NEPAL

– Oct'2004

**Master in Information System (MIS)** from **Virginia International University**, Fairfax, VA

– Dec'2009