

**PROFESSIONAL SUMMARY:**

- Around 8 years of experience in the requirement analysis, design, development, testing, implementation, and support using **Object Oriented Methodologies** and **Java/J2EE** technologies.
- Actively involved in each phase of **Software Development Life cycle (SDLC)**.
- Expertise in client scripting language and server scripting languages like **HTML, CSS, JavaScript, Groovy, JQuery, Ajax, AngularJS, JSP, NodeJS, ExtJS, BackboneJS, ReactJS, JSON, Bootstrap**.
- Extensive experience working in **Spring framework, Struts framework, O/R Mapping Hibernate framework, Mybatis** and **web services**.
- Experience using **Spring MVC, Spring Boot, Spring Cloud, Spring DAO, Spring Data, Spring IOC, Spring Annotations, Spring AOP, Spring Transactions** and **Spring Security**.
- Experience in developing applications using **Micro Services** architecture.
- Expert in Core Java with strong understanding of **Swing, socket programming, Collections, Multithreading, Event handling, Exception handling** and **Generics**.
- Expertise in developing reliable and scalable enterprise applications using **Servlets, JSPs, Struts, JSTL, JDBC, AJAX, JSF, EJB** and **Web Services**.
- Strong work experience in application integration and communicating using **SOA**, Web Services such as **Simple Object Access Protocol(SOAP), Representational State Transfer (REST/ Restful), JAX-RPC, JAX-RS, JAX-WS, WSDL, UDDI, Apache CXF, JAXB, XSD, Axis 2**.
- Excellent knowledge and experience in writing SQL queries, Stored Procedures, Triggers and views using various databases such as **MS SQL Server, MySQL, IBM DB2, Oracle** databases and **NoSQL** database systems like **Mongo DB, Cassandra**.
- Expertise in **XML** technologies such as **XSL, XSLT, XML schemas, XPath, XForms, XSL-FO** and parsers like **SAX, DOM**.
- Experienced in **JMS and Kafka** over messaging to exchange the information in more reliable and asynchronous way in enterprise Applications. Used **Apache Active MQ** and **Apache Camel** as **JMS** provider.
- Experience in Creating and configuring the continuous delivery pipelines for deploying **Micro services** and **lambda** functions using **Jenkins CI server**.
- Hands on experience in deploying application in **Google App Engine**.
- Utilized **Java 1.8** features like **Lambda** expressions and Stream API for Bulk data operations on **Collections** which would increase the performance of the Application.
- Managed Amazon Web Services like **EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, Dynamo DB, Elastic search, Virtual Private Cloud (VPC)** through AWS Console and API Integration.
- Hands on experience with amazon web services (**AWS**) and amazon cloud technologies such as **Amazon EC2** (virtual servers) and **Amazon Cloud Watch** (monitoring).
- Skilled in programming scripting languages like Java
- Deploy application updates to **AWS** and monitored the load balancing of different instances.
- Deployed the Applications into **Docker** container and made easily accessible at runtime using Pivotal Cloud Foundry and other cloud services like **AWS, Netflix Eureka**.
- Experience in developing logging and standard mechanism based on **Log4j** and **SLF4j**.

- Experience in working in agile practices like **ATDD and TDD** using **Junit**, and mocking libraries like **Mockito, Jmock** for Java applications and **Karma JS, Jasmine, Mocha JS, cucumber JS and Selenium web driver** for UI applications.
- Worked on implementing full life cycle of software development process (SDLC) in using version control tools like **Git, Rational Clear Case, Tortoise SVN, CVS (Concurrent Version System)**.
- Hands-on experience working with Continuous Integration (**CI**) build-automation tools such as **Jenkins** along with Build Plugins like **Maven, Gradle** and **Apache Ant**.
- Experienced in the formation and mentoring of project teams working on **Agile** methodologies to deliver business critical software applications using tools like **Jira**.
- Significant experience in web development tools like **NetBeans, Adobe Dreamweaver, Spring Tool Suite, Eclipse, IntelliJ and RAD**.
- Hands on experience with **Windows, UNIX** and **Linux** Environments.
- Having Experience on **Shell Scripting** and Deployment of Applications in Server.
- Experience in designing, developing, and deploying J2EE applications on **IBM Web sphere, Web logic, Apache Tomcat, Glassfish, Redhat** and **JBOSS** Servers.

#### TECHNICAL SKILLS:

<b>Languages</b>	C++, Java, J2EE, Python,SQL, PL/SQL
<b>J2EE Technologies</b>	Servlets, JDBC, JSP, JSF, JMS, EJB, JNDI, Java Security
<b>Tools &amp; Framework</b>	Struts, Spring, Hibernate, Spring MVC, Spring Cloud, Spring IOC, Spring AOP, Spring Boot, JSF, JUnit, SOAP UI, Groovy, ANT, Maven, Jenkins, Apache ActiveMQ, Apache Camel, Jira.
<b>Mark-up/XML Technologies</b>	HTML5, JavaScript, AngularJS, NodeJS, ReactJS, BackboneJS, Bootstrap, CSS, CSS3, XML, XSD, XSL/XSLT, SAX/DOM, AJAX, JQuery, JSON
<b>Web/App Servers</b>	IBM Web Sphere, Apache Tomcat, JBoss, Web Logic Server
<b>Web services</b>	SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2, MicroServices.
<b>Devops</b>	AWS (Amazon Web Services), Jenkins, Docker.
<b>Database</b>	Oracle, SQL-Server, MySQL server, MongoDB/NoSQL, Cassandra
<b>IDEs</b>	Eclipse, IntelliJ, Spring Tool Suite(STS), RAD
<b>O-R mapping</b>	Hibernate, MyBatis
<b>Modelling/ CASE Tools</b>	Rational Rose, MS Visio Professional
<b>Testing Tools/ Others</b>	JUnit, Soap UI, Postman, Mockito, JMock, Karma JS, Jasmine, Mocha JS, cucumber JS and Selenium web driver
<b>Version Control</b>	Tortoise SVN, CVS, Rational Clear case, GitHub.
<b>OS &amp; Environment</b>	Sun Solaris, UNIX, Linux, Windows.

## PROFESSIONAL EXPERIENCE:

**Client: MasterCard**

**Feb 2016 – Till Date**

**Location: St Louis, MO**

**Role: Full Stack Java Developer**

**Description:** MasterCard Worldwide is an American multinational financial services corporation. Its principal business is to process payments between the banks of merchants and the card issuing banks or credit unions of the purchasers who use the MasterCard brand debit and credit cards to make purchases.

### **Responsibilities:**

- Involved in the complete **SDLC (software development life cycle)** of the application from requirement analysis to testing.
- Extensively worked on **Responsive Web Design (RWD)** page development using **HTML5, CSS3, JQuery, JavaScript, Backbone.js, Twitter Bootstrap, Ajax, Angular JS, JSON, JSF UI Components and JSP.**
- Defined new validations through **AngularJS** for the form field validation implemented through **HTML5.**
- Used **NodeJS** to run **AngularJS** on server with mock **JSON** data and completed the **UI development** independent of server.
- Implemented new features in **Groovy** programming language as a part of Jenkins continuous delivery.
- Used Core Java concepts like **Swing, socket programming, Collections, Multithreading, Event handling, Exception handling** and **Generics.**
- Utilized **Java 1.8** features like **Lambda** expressions and Stream API for Bulk data operations on **Collections** which would increase the performance of the Application.
- Developed the application using **J2EE Design Patterns** like Business **Delegate, Factory, Singleton, Session Facade, Service Locator** and **DAO.**
- Used **Java8** features in developing the code like Lambda expressions, creating resource classes, fetching documents from database.
- Integrated **Scala** Web Service with Relational DB using Slick
- Used **JAX-Web services** to interact with other applications using SOAP and WSDL file.
- Developed **RESTful API** for assessment indicators module and token based authentication for **RESTful** services using **Spring Security.**
- Involved in building database Model, APIs and Views utilizing **Python**, to build an interactive web based solution.
- Used **Jersey** to implement **Restful Web Service** and used **XML** form to transfer the data.
- Exposed SOAP webservices as API's using **Apigee** Edge by implementing API Proxies
- Deployed and Monitored **Micro Services** Using Pivotal Cloud Foundry, also Managed Domains and Routes with the Cloud Foundry.
- Followed **Agile Methodology** in analyze, define, and document the application, which will support functional and business requirements. Coordinate these efforts with Functional Architects.
- Worked and involved in deployment of core platform technologies, techniques, and web app frameworks such as **spring, JBOSS, Tomcat, JSON, XML, HTML5, and Web Services.**
- Used **Spring MVC module** to develop **MVC Architecture.**
- Developed the **Controller** to handle the **requests** and **responses.**
- Used **Core Java** to develop **Business Logic** as **Spring Beans.**

- Configured **Spring Container** to implement **IOC/DI** of the **Spring Beans**, and to manage the **beans life circle**.
- Worked on **Apache Camel, RabbitMQ** for sending messages over queue.
- Deployed the Application into **Docker** container and made easily accessible at runtime using Cloud Foundry and other cloud services like AWS, Netflix Eureka
- Used **Spring Security and OAuth2.0** for **Authentication and Authorization** of the application.
- Implemented **Spring AOP** for declarative transaction management.
- Created Stored Procedures, functions and Packages in **Oracle 10g** using SQL and PL/SQL for the Audit Trail using **Oracle 10g** as backend.
- Wrote **Microservices** to export/import data and task scheduling and **Spring boot**, Spring and Hibernate in the Micro services and Swagger API for **Microservices**.
- Developed API for using AWS Lambda to manage the servers and run the code in the AWS
- **Designed, Configured and deployed Amazon Web Services (AWS)** for a multitude of applications utilizing the **Amazon cloud formation**.
- Experienced in setting up Amazon **EC2** instances, virtual private cloud (VPCs), and security groups. Setting up databases in AWS using **RDS**, storage using **S3** bucket and configuring instance backups to S3 bucket.
- Developed **POJO objects** and used **Hibernate** as the **Object-Relational Mapping (ORM)** tool to access the **persistent** data from **SQL Server**.
- Managed code versioning with **GitHub** and deployment to staging and production servers
- Used **Rest Controllers** to replace the existing **operations layer**, which acts as bridge between **business layer** and the **UI**.
- Worked on **Solr, Elastic Search, Kafka, Flume, MangoDB and Cassandra**.
- Used **Jenkins** as build management tool for continuous integration process.
- Used **Google App Engine** cloud services to launch Linux and windows machines.
- Developed **Unit Test Cases**. Used **Junit** for **unit testing**, **Selenium** for the testing of the application.
- Configured **pom.xml** to deploy the project using **Maven**.
- Provided Technical support for production environments resolving the **issues, analyzing the defects**, providing and implementing the solution defects.

**Environment:** Java, Lambda, J2EE, HTML, CSS, JavaScript, JQuery, Apache Camel, AJAX, AngularJS, Bootstrap, JSON, JSP, JNDI, Oracle, Apache Camel, RabbitMQ, Spring AOP, Hibernate, Springcloud, Google Cloud Platform Spring MVC, Spring JDBC, JDBC, Web-Services, SOA (Service-oriented) Architecture, AWS, Redis, REST, JAX-RS, Jersey, JUnit, JAX-B, WebSphere, JIRA, Maven, GIT, RAD, Jenkins, MongoDB, PostgreSQL, Cassandra, Agile Methodology.

**Client:** BCBS

**Dec 2014 – Jan 2016**

**Location:** Chicago, IL

**Role:** JAVA Full Stack Developer

**Description:**

Blue Cross and Blue Shield is a leading insurance company owned by its policyholder. BCBS is the health insurance and health care provider company. “Find a plan” is a web based J2EE application, created to help individuals and families easily shop for, and buy health insurance. Well mark offers a variety of insurance plans, as well as tools to help you choose the plan that’s right for you.

**Responsibilities:**

- Involved in **SDLC requirements gathering, analysis, design, development and testing** of application developed using **AGILE** methodology.
- Created user-friendly GUI interface using **HTML5, CSS3, JavaScript, JQuery, AngularJS, Node.js, ExpressJS, Backbone.js, AJAX, XML and JSON**.
- Involved in designing the client-side module architecture based on new **Angular Framework**.
- Used Core Java concepts like **Swing, socket programming, Collections, Multithreading, Event handling, Exception handling and Generics**.
- Implemented **persistence framework using Hibernate** & Handled **Transaction Management** using the provided data source.
- Responsible for designing **Hibernate mapping files** based on business logic and Object relationships.
- Developed restful web service APIs using Spring Framework such as **Spring Core, Spring MVC, Spring AOP and Java Persistence API** with a backend **PostgreSQL and Cassandra** database.
- Involved in developing **Web Services** to send **XML** request and reading the response **SOAP UI** from Java platform.
- Installed and configured various components of **Hadoop** ecosystem and maintained their integrity.
- Involved in extracting customer's Big data from various data sources into **Hadoop HDFS**. This included data from mainframes, databases and logs data from servers.
- Consumed **Web Services** to interact with other external interfaces to exchange the data in the form of **XML** and by using **SOAP**.
- Used **Apigee** as a API gateway for APIs transformation, multiple authentication mechanisms
- Migrating application functionality in sending emails from MySQL to NoSQL database implemented by **Google Cloud platform** which handles BIG Data.
- Extensively used **Google Cloud** resources like Compute Engine, IAM, Google Container Registry, Container Builder and Cloud Storage buckets.
- Migrating servers, databases, and applications from **AWS On-premises** to **Google cloud platform**
- Created **Restful Web services** using **Jersey API (JAX-RS)** while data exchange was carried out between application and services using **JSON**.
- Used **Apache Camel** to implement Java Message Service (JMS) API for sending and receiving email notifications to the employee about notifications to their portal.
- Creating and supporting of **JMS, MQ** connection factory, topics, queues, channel, listeners.
- Implemented **microservices** using **Spring boot, spring based microservices**, and enabled discovery using **Netflix eureka server**.
- Used **Java-PHP** bridge code to integrate Java with PHP.
- Used Maven Deployment Descriptor Setting up build environment by writing Maven build.xml, taking build configuration and deployment of the application on **JBoss** Application Server.
- Used **Spring MVC, Ajax** and **Dependency Injection** for handling presentation and business logic.
- To maintain **loose coupling between layers** published the business layer as services and injected the necessary dependent components using **Spring IOC** and published cross cutting concerns like Logging, User Interface exceptions, Transactions using **Spring AOP**.
- Integrated **Spring DAO** for data access using Hibernate.
- Used **Apache Camel** framework for connectivity to different APIs and transports.
- Created **data model** and generated **Hibernate mappings and domain objects** using Hibernate tools.

- Integrated **spring** and **hibernate** together and worked on developing backend components and services using Hibernate and spring.
- Extensively used **HQL and SQL** for querying databases.
- Developed **Message Driven Bean** for asynchronous sending Messages using **JMS**.
- Used **Rest** methodology for the service layer interface and used **JSON** for the data transformation.
- Developed various **AJAX** and **JSON** calls for the communication between the server and the **UI**.
- Developed **web services** for produce and consumed the services by making **Web Service Calls** to remote services in different applications.
- Used **Spring JMS** module for lookup for the queues and MDBs for the listeners
- Established Database Connectivity using **Hibernate O/R mapping with Spring ORM for MySQL Server**.
- Developed the **Mapping Resource Files** for the database entities.
- Packaged and deployed the application in **IBM Web sphere**.
- Used **IntelliJ** as IDE to develop the application and followed the standard features for debugging and running.
- Written **LINUX** shell scripts to identify user login information.
- Playback and technical presentations to the clients on acquired knowledge.
- Generating reports in **PDF** using iText Open source and excel file formats.
- Used **log4J** for application logging and notification tracing mechanisms.
- Analysis and Bug fixing of the production problems and defects along with enhancements
- Used **Rational Clear Case** for the version control
- Used **Maven** as the build tool.
- Used **J-Unit** Testing and **Ant Scripts**.
- Used **JIRA** for tracking the **Project Stories** in AGILE Methodology.

**Environment:** Java, JDK, J2EE (EJBs, JSP/Servlet, JDBC), Mongo DB, XML, HTML, CSS, Java Script, JQuery, Ajax, AngularJS, NodeJS, JSON, JMS, Struts, Spring, Apache Camel, MVC design patterns, Spring MVC, Hibernate, Agile, Ant, Maven, Netflix, Rational Clear Case, Web sphere Server, IBM Web Sphere, Apache Camel, SOAP UI, JNDI, Log4J, PostgreSQL, MySQL Server, Google cloud platform, JIRA, RMI, IntelliJ, IDE, LINUX.

**Client:** US Cellular

**Nov 2013 – Nov 2014**

**Location:** Knoxville, TN

**Role:** Java Developer

**Description:**

Us Cellular is a leading company in providing the wireless services to the mobile platform. One message is the system that Us Cellular uses to send communications to its customers. One message is the Enterprise Wide application for all transactional customer communications. The application supports all Email, SMS, EMS, and MMS communications for various organizations in Us Cellular One message stores customer notification Preferences in the preference center where customer can configure various notification types.

**Responsibilities:**

- Designed and developed the **REST** based **Micro Services** using the **Spring Boot**.
- Writing end-to-end flow i.e. controllers classes, service classes, **DAOs** classes as per the **Spring MVC** design and writing business logics using core java API and data structures
- Design, develop & deliver the **REST APIs** that are necessary to support new feature development and enhancements in an agile environment.

- Used Core Java concepts like **Swing, socket programming, Collections, Multithreading, Event handling, Exception handling** and **Generics**.
- Used Spring **JMS** related MDB to receive the messages from other team with **IBMMQ** for queuing
- Developed presentation layer code, using **JSP, HTML, AJAX** and **JQuery**
- Developed the Business layer using spring (**IOC, AOP**), **DTO**, and **JTA**
- Developed the Persistence layer **DAO** using **HIBERNATE**
- Worked with Open **symphony** workflows and delivered work flow module to the client.
- Developed the project using industry standard design patterns like Singleton, Business Delegate Factory Pattern for better maintenance of code and re-usability
- Developing application module coded on Spring Batch and **Apache Camel**.
- Written **Jenkins** pipeline template script in **Groovy** programming language for the automation of build and deployment process.
- Created **groovy** scripts to extract transaction volume information and email to management on daily basis.
- Involved in debugging and tuning the **PL/SQL** code, tuning queries, optimization for the Oracle database using Explain Plan, hints and also worked on Partition tables using Range method.
- Developed unit test cases using **Junit** framework for testing accuracy of code and logging with SLF4j + Log4j
- Worked with defect tracking system Clear Quest
- Worked with IDE as Spring STS and deployed into spring tomcat server, WebSphere 6 & used Maven as build tool
- Responsible for code sanity in integration stream used Clear Case as version control tool.

**Environment:** Java, J2EE, HTML, CSS, AJAX, JQuery, MongoDB, Apache Camel, symphony, JavaScript, JSP, Spring, Spring Batch, Spring web services , XML, UML, JUNIT, IBM WebSphere, Maven, Clear Case, SoapUI, Oracle 11g, Spring JMS, IBM MQ.

**Client:** FedEx

**Jan 2012 – July 2013**

**Location:** Memphis, TN

**Role:** Java/J2EE Developer

**Description:**

FedEx Corporation provides customers and businesses worldwide with a broad portfolio of transportation, e-commerce, and business services. The company offers integrated business applications through operating companies competing collectively and managed collaboratively, under the respected FedEx brand.

**Responsibilities:**

- Involved in all phases of the **Software development life cycle (SDLC)**.
- Designed project related documents which includes Use case, Class and Sequence diagrams.
- Involved in design, development, testing and implementation of the process systems, working on iterative life cycles business requirements, and creating Detail Design Document.
- Using **Agile** methodologies to plan work for every iteration and used continuous integration tool to make the build passes before deploying the code to other environments.
- Extensive experience in developing **PL/SQL** Stored Procedures, Functions, Packages, Cursors, Collections (Nested tables and Varrays), Records, Object types and Database Triggers.

- Created **HTML** Wireframes based in the Detailed System Specification document Developed the presentation layer of the application using **MVC** architecture of **spring** framework.
- Created **DAO** classes to interact with **DB2** database.
- Used Spring **ORM** module to integrate with **Hibernate**.
- Used Core Java concepts like **Swing**, **socket programming**, **Collections**, **Multithreading**, **Event handling**, **Exception handling** and **Generics**.
- Used **JMS** API for sending and receiving the messages on the queue.
- Used the **spring validation** and **Tiles Framework** in the presentation layer.
- Developed user interface using **JSP**, **Spring Tag Libraries** to simplify the complexities of the application.
- Developed user interface with **Java Server Pages**, **Ajax** support to speed up the application form filling.
- Used **Apache Axis** as the Web Service framework for creating and consuming **Web Service** clients using **SOAP** and **WSDL**.
- Used **Rally** for tracking purpose.
- Designed various tables required for the project using **DB2** database. Used **JBOSS** server for deploying the application.
- Used **Ant** for build, create JAR, WAR, EAR files and deploy the EAR files automatically.
- Used **Junit** to test the application classes.
- Used **Log4J** to capture the logging information.

**Environment:** Java, J2EE, JavaScript, JSP, AJAX, XML, Agile, Spring, Eclipse IDE, DB2, Rational Rose, Log4j, Junit, Ant, JBOSS, Rally, Apache Axis, Web Service, SOAP, WSDL.

**Client:** InfoTech

**Sep 2010 – Dec 2011**

**Location:** Hyderabad, India

**Role:** Java Developer

**Description:**

The objective of Item Management is to set-up, maintain, and share Item information in a flexible system that easily supports Unilever's growth, increases speed to market and improves data accuracy, while reducing user workload. Guided Setup is one module of the project which functions as a wizard to complete the configuration and creation of various types of items like Single Items, Multiple Items and Assortment Items.

**Responsibilities:**

- Involved in the **design** and **development** of an entire Module – Guided Set Up. Developed user interface through **JSP** and **Servlets**.
- Developed Action classes and Action Forms using the **struts framework**.
- Developed Customs tags to display dynamic contents and to avoid large amounts of java code in **JSP** pages
- Connected to database through **JDBC**.
- Extensive experience working with **XML (DOM and SAX)**.
- Used SQL-server to store the items in the database.
- Used **Session beans** for navigation of steps.
- Used **Entity beans** for storing the database in to database. Developed **Session Beans** as the clients of Entity Beans to maintain the Client state.



- Developed **Ant** Scripts to build and deploy **EAR** files on to **Tomcat Server**. Analyzed the **EJB** performance in terms of scalability by various **Loads, Stress tests using Bean- test tool**.
- Extensively used **Eclipse** while writing code as IDE. Written **complex SQL queries, stored procedures, functions and triggers in PL/SQL**.
- Developed test cases and used **Junit** for Unit Testing.
- Used **CVS** for version controlling.

**Environment:** Java, J2EE, Servlets, XML (DOM and SAX), JSP, EJB, JavaScript, CSS, JDBC, Struts, Ant, Web Logic Application Server, WSAD, Eclipse IDE, SQL-Server, Apache Tomcat, Oracle, PL/SQL, CVS, PVCS, Junit, Windows.

**Client:** SLK Software

**Jun 2009 - Aug 2010**

**Location:** Bangalore, India

**Role:** Java Developer

**Description:**

SLK Software Services is an offshore development company providing end-to-end solutions using its proven methodologies based on SEI CMM Level 4 Guidelines. SLK Billing Care is the Web-based front office application used by customer service representatives to create and maintain customer accounts, manage their services, and handle customer issues. SLK Billing care is designed as the front-end application to customer related activities supported by SLK charging and other billing products.

**Responsibilities:**

- Developed web application using **Struts 2.X, JSP, Servlets, Java beans** that uses MVC design pattern
- Created user-friendly GUI interface and Web pages using **HTML, CSS** and JSP
- Wrote JavaScript for client side validation.
- Used Eclipse as IDE tool for creating **Servlets, JSP, and XML**.
- Wrote SQL for JDBC prepared statements to retrieve the data from database.
- Monitored the logs using **Log4J** and fixed the problem
- The application was deployed on the **Tomcat**.
- Involved in build and deploying the application using ANT
- Used **CVS** as version control system
- Worked on bug fixing and Production Support

**Environment:** Java, JDBC, Struts, JavaScript, HTML, CSS, JSP, Servlets, Tomcat, Oracle, Eclipse IDE, CVS, ANT, Log4J.

