



## Manohar

### Sr. Java Developer

Email: [manohar.r7754@gmail.com](mailto:manohar.r7754@gmail.com)

Cell: (614) 285-5486

#### Summary

- 9+ Year of IT Experience is working with **Java** based frameworks and databases.
- Effective team player as well as individual performer with experience in **Java, J2EE, JSP, Servlets, spring, Hibernate, SQL, PL/SQL and Oracle, MySQL, NOSQL.**
- Extensive experience in multiple **Java** and **J2EE** technologies such as Servlet, **JSP, JSTL, Spring, Struts, Sitemesh, IBatis, Hibernate and JPA, XML, JSON, XSD, HTML, JavaScript, JQuery, AJAX, JUnit, WSDL, SOAP, Restful Web Services (Restlet),** ActionScript 3.0
- Well experienced in Working on Core **Java, J2EE (EJB, JSP & Servlets, JDBC, JMS), SQL, JQuery, HTML.**
- Experience with **Core Java** with **Multithreading, Concurrency, Exception Handling, File handling, IO, Generics, Data structures and Collections, Garbage Collection.**
- Expert in using testing, logging and building tools like **JUnit, Log4J** and **Ant.**
- Strong skills in **API** design, Enterprise Application Integration, Database Design and knowledge of various Architecture, design, Integration patterns and Application frameworks development.
- 4+ years of experience in Apache Hadoop technology and core Hadoop technology stack which includes HDFS, Map Reduce programming, Hive, Pig, HBase and SQOOP.
- Experience with WebSphere Portal 7 development and IBM Workplace Web Content Management and Workplace Forms
- Strong proficiency in SMB POP IGMP SMTP and TCP/IP protocols
- Conduct in-house and public workshops and training seminars: **Extreme Programming, Test-Driven Development, Agile Development, .NET Development, Design Patterns, "Communicating with Tests"** seminar.
- Worked on the creating different screen using ExtJs worked on writing some Extjs Plugin.
- Good experience in using **Amazon Web Services (AWS) and AWS SNS/SQS** for delivering messages.
- Experience in creating comprehensive web applications using **MEAN stack** implemented with **MS SQL, Express, Angular 2/4** and **Node.js, Java8.**
- Proficient in designing and implementing web server solutions and deploying Java application servers like Apache Tomcat, IBM Web Sphere, Web logic on Windows/UNIX platform
- Extensively used **JDBC** Statement, Prepared Statement, Callable Statement and Result Set interfaces while providing database interaction with the RDBMS backend.
- Strong and recent experience with developing or working within an automated testing framework.
- Hands on Experience on **Angular 2 technology** for one complete project in rebasing the UI of the application using the techniques in **Angular 2/4.**
- Provided technical assistance for integration of **Appian systems** along with external systems such as SAP.
- Conducted detailed analysis to support designing and development of BPM applications.
- Implemented Hadoop based data warehouses, integrated Hadoop with Enterprise Data Warehouse systems.
- Expertise in the implementation of Core Java concepts of Java, J2EE Technologies: **JSP, Servlets, JSF, JSTL, EJB** transaction implementation (CMP, BMP, Message-Driven Beans), JMS, Struts, Spring, Swing, Hibernate, Java Beans, **JDBC, XML, Web Services, JNDI, Multi-Threading, Data structures** etc.

- Worked on the Implementation of system as an independent component to be supported/integrated with **Appian** based BPM applications to deliver management capabilities using **Appian 7.5 SAIL** features such as Record Types, Record dashboards, **SAIL** Reports, Actions and Introduced the use of automated testing tools such as Cucumber to reveal and document, as well as drive development of, behavior in a large legacy code base (mostly Java and Perl)
- Lightbend **Reactive** Platform plus many other Scala libraries and frameworks.
- Confluent Platform (Apache Kafka and its ecosystem) and **Reactive** Kafka
- Used Web Sphere Application Server, Web Logic Application Server, JBoss and Apache Tomcat in all my projects and successfully deployed and compiled many of the applications on them.
- Used Bootstrap and **Angular.JS**, **React.js** and **Node.js** in effective web design.
- Motivation of peers and mentoring team members to achieve their respective annual object
- Experienced developing against **SOLR** Search Platform **APIs**
- developing Multi-Tier Web Applications and Server side Business Logic using **J2EE**, **XML**, **WebSphere**, **WebLogic**, **Apache Tomcat**, Enterprise **Java** Beans, **Servlets**, **JSP**, **Struts**, **JDBC**, **DB2**, **Oracle**, **PL/SQL**.
- Familiar with data collection technologies like **Kafka**.
- Experienced in **React JS** and working with **React Flux architecture**.
- Experience in developing **JAVA/J2EE**, **Spring4**, **Hibernate4** applications using **IDEs** such as **Eclipse**, **RAD**.
- Extensive experience in working with various databases like **Oracle 11g/12c**, **SQL** Server and **MySQL**
- Hands on experience in Rational Suite of Products like Rational Rose in developing Use Cases, Sequence Diagrams using **UML**, Rational Suite.
- Expertise in configuring the **Spring** Application Context with dependency injection and using **Spring** Framework that can integrate **Hibernate** and Web Services
- Hands on experience with production support tool such as **Jira**, Remedy, Quality Center - bug tracking tool.
- Expertise with **Spring** Framework using components like **MVC**, **Transactions**, ORM and **JDBC**. Also used **Hibernate** ORM, JSF and **Struts MVC** frameworks.
- Has extensive knowledge on **UNIX Shell scripting**, FTP, SFTP.
- Experience with Design patterns like Singleton, Data Access Object, **MVC** Pattern and **Agile**, **SCRUM** methodology.
- Experience in working with **ES6** features, used babble, web pack with **ES5**, **React js**.
- Expert in latest technologies and approaches for SOA based development and good understanding of SOA life cycle, SOA design **Backbone** principle, Service registry and various other SOA infrastructures.

#### Skill set

<b>Programming Languages :</b>	C,C++,Java, J2EE, Python
<b>DBMS Packages :</b>	ORACLE 9i, 10g, 11g, 12c, SQL Server, MySQL 5.1
<b>Operating Systems :</b>	Microsoft Windows, UNIX
<b>Web Development :</b>	HTML, DHTML, Adobe Dreamweaver, AJAX, JavaScript, JQuery, CSS,JSON,Predix Cloud Framework and services for IoT application
<b>Technologies/Tools :</b>	J2EE, Spring 3.x,JMS, PL/SQL, NOSQL, Ant, Tomcat, JBoss, RMI, Unix, JSP, Servlets, Linux, JDBC, XML,REST web services, ExtJs Maven, Jetty, REST,Struts, Spring MVC, Hibernate, SOAP, OAuth, Git, SVN, Bitbucket, Jira,

	CockroachDB, Dropbox Core API, JNotify, Stash, Data Structures
<b>Development IDEs :</b>	MyEclipse, Eclipse, IntelliJ 9.0, NetBeans 6, Oracle WebLogic 10.x, TOAD ,MySQL, IBM RAD 7.5.x, Magic Draw UML
<b>Development Methodologies :</b>	Test case driven methodology, Agile Methodology – SCRUM

## Professional Experiences

<b>AT&amp;T Telecom, Atlanta, GA</b> <b>Sr. Java Full Stack Developer</b> <b>Responsibilities</b>	<b>Sep'16 – Till date</b>
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- Involved in **analysis, design** and documentation of the application model.
- Applied design patterns including **MVC** Pattern, **Factory** Design Pattern and Singleton Design Pattern.
- Worked on advanced UI design and full stack development using **MEAN stack**.
- Used **spring4** framework for Dependency Injection and integrated with **Hibernate**.
- Involved in developing **Spring Beans** and wiring their dependencies.
- Extensively worked with Hibernate Query Language (**HQL**) to store and retrieve the data from **Oracle database**.
- Experience in **Automation testing** using Selenium Web Driver, JUnit and Maven.
- Used **Apache Kafka** (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications. Involved in developing an automation tool, in Java and Scala on **Akka** Framework
- Developed and deployed solution using several new technologies, including Linux - **Ubuntu, Drupal** and **Apache SOLR**.
- Conducted **Automation testing** using the Standards, guidelines and structured methodology in testing the application.
- Responsible for overall Docker & **Kubernetes** setup, configuration and Architecture.
- Configured and maintained a large scale Docker based PaaS environment using **kubernetes**
- Troubleshooted and resolved issues within the Docker and **kubernetes** environment
- Used **Java 8** features like stream and Lambda expressions
- Build **microservices** for the delivery of software products across the enterprise.
- Recommend and develop strategy for integrating internal security model into new projects with **Spring Security** and Spring Boot.
- Used **Rally** issue tracking application for Agile management
- Integrated Jira with **Rally tickets** using Perl scripts and Jira-Rally plugin
- Create RFP (Request for Proposal) **microservice** to provide RESTful API utilizing Spring Boot with Spring MVC.
- Using **cloud foundry** to push application to **Predix cloud** which is specific to GE Digital.
- Created, implemented and managed Pivotal **Cloud Foundry** deployments
- Experienced in using **Cloud Foundry (CF)** CLI for deploying applications and other CF management activities
- Proficient with Shell, Python, **Ruby, Perl, Power Shell, JSON, YAML, Groovy** scripting languages.
- Familiar with concepts of **Azure** and OpenStack Cloud Based Technologies.
- Experienced in installing and troubleshooting **CF** installations on IAAS (**Azure, AWS** etc.)
- Responsible for developing microservices using GE's **Predix platform** for Industrial IoT apps and migrating existing monolithic app to microservice architecture in Predix.
- Developed an integration project called GCC using **Predix services** like UAA (user authentication and authorization), Enterprise Connect (connect predix cloud and your enterprise), Predix Machine (connect edge devices on premise to cloud and send sensor data to cloud), Predix Asset service (create and store machine asset models), Predix Analytic service (analyze continuous sensor data as time series data).
- Developed web application using Predix web components using Polymer, CSS, HTML and CSS.
- Create Data Model for and initial Java JPA entities for RFP project.
- Utilize Camel to integrate microservices with other **microservices** and RabbitMQ messaging exchanges.

- Used SVN **Backbone** as a version controller.
- Moved the project to **Java 8** to extensively use **Lambda expressions** and have better connectivity to Cloud in addition adding Spring Boot Libraries and UI Enhancement.
- Developed stored procedures, **triggers** and functions to process the data using **NOSQL, PL/SQL, Spring4, and Hibernate4** and mapped it to **Hibernate4** Configuration File.
- Created tempo enabled forms using **SAIL**, design DB schema using nested CDT
- Contributed greatly to increases in code quality and productivity through his leadership and guidance in areas such as Test/Behavior Driven Development, Refactoring, Pair **Programming (Extreme Programming/XP)**, and **Agile Estimation and Planning**
- Worked on the Implementation of system as an independent component to be supported/integrated with Appian based BPM applications to deliver management capabilities using Appian 7.5 **SAIL** features
- Experienced in **MEAN** stack advancement (**MongoDB, CockroachDB, Express.JS, and AngularJS & NodeJS**).
- Developed **React.js** applications using Redux architecture for front-end UI, and Node.js applications for backend.
- Used **microservice** architecture, with Spring Boot-based services interacting through a combination of **REST** and **Apache Kafka, Spring4** message broker
- Configured routes in **Apache Camel** using **XML** for routing messages between end points
- Developed **bootstrap UI JS** using with **Angular JS, Hibernate4, NOSQL**
- Development of **Apache Struts** web applications from concept to rollout
- Extensive experience on MVC architecture and using frameworks like **Angular 2/4** and **React JS** for creating Single-Page Applications(**SPA**) using concepts like Dependency Injection, Promises, Services, Scope, Controllers and Directives.
- Developing micro services using Java Spring Boot and GoLang with Docker deployments
- Added routing and developed factories, worked on root level variables and functions
- Developed Unit and **E2E** test cases using **Node JS**.
- The tech stack is **AngularJS, Express** and innovative server side technologies like **Node.js, MongoDB (MEAN Stack)**.
- Experience with Front-end JavaScript frameworks like **Angular JS, Node JS**. And with the creation of RESTful Web service.
- Used the light weight container of the **Spring Frame** work to provide architectural flexibility for inversion of controller (**IOC**).
- Experience with **Python, Hadoop, Mongo DB**.
- Created **Type Script** reusable components and services to consume REST API's using component based architecture provided by **Angular 2/4**.
- Implementing the Big Data solution using Hadoop, hive and Informatics 9.5.1 to pull/load the data into the HDFS system.
- In depth knowledge of Apache **Cassandra** architecture.
- Experience in installing, configuring and monitoring DataStax Cluster (Enterprise Edition).
- Experience in deploying the **Cassandra** cluster in cloud, on premises, data storage and disaster recovery.
- Experience in designing data models in **Cassandra** and working with Cassandra Query Language
- Developed Keyword Driven Framework Using **Selenium Web Driver** and Java.
- Involved in design and development of keyword-driven automation framework using **Selenium Webdriver**.
- Analysis of test requirement and automation feasibility.
- Learning automation tools like Selenium and QTP.
- Used **Eclipse and Tomcat web server** for developing & deploying the applications.
- Worked on different **Automation tooling** techniques to support reporting/development and the **CI/CD pipeline**.
- Used **Gwildor** node application to configure repositories and compare github tags.
- Setup and benchmarked Hadoop/H Base clusters for internal use
- Implemented continuous integration & deployment (CICD) through Jenkins for Hadoop jobs.
- Developed and Implemented new **UI's** using **Angular JS** and **HTML, NOSQL, Java8**.
- Developed Spring Configuration for dependency injection by using **Spring IOC, Spring Controllers**.
- Experienced in Responsive Web Design technology with or without framework like **Bootstrap**.

- Expertise in **AngularJS** controllers, directives, factories, services, routing, DOM manipulation using JavaScript, jQuery and Angular JS. Experience in **MEAN (Mongo DB, Express, JSON,AJAX,CSS, Angular2/4 and Node JS) Stack** application development
- Worked on **Solr, Elastic Search, Kafka, Flume, Mango DB, CockroachDB, and Cassandra**
- Extract the data from Oracle and push to **Apache Kafka** Queue using Golden Gate.
- Implementing **Spring MVC** and **IOC** methodologies.
- Used **Java 8** Method References feature to point to methods by their names and also used functional Interfaces.
- Used **Scala** for coding the components in **Play** and **Akka**.
- Used **scala** scripts for spark machine learning libraries API execution for decision trees, ALS, logistic and linear regressions algorithms.
- Implemented multi - data center and multi-rack **Cassandra** cluster.
- Good conceptual understanding and experience in cloud computing applications using Amazon EC2, S3, EMR.
- Experience in managing multi-tenant **Cassandra** clusters on public cloud environment - Amazon Web Services (AWS)- EC2.
- Managing Cassandra clusters using Datastax Opscenter. Experience in **Cassandra** systems backup and recovery
- Currently working on developing Server less functioning using **AWS lambda** with JAVA
- Developed common reusable component libraries (CRUD Scaffolding) to be reused in different projects throughout the company's IT team using **GWT**, Sencha, spring data, JPA.
- Create BI reports using **reactive** web frameworks using Scala Play & D3.js
- Worked with RxJava (**ReactiveX**) for asynchronous composition and manipulation of data and events using Observers and Observables in the application.
- Expert in implementing unified data platform to gather data from different sources using **Kafka** and **Java** Producers and consumers.
- Loaded data in elastic search from **Datalake** and Optimized the full search function using **Elastic Search**.
- Developed Framework components for **Struts** Presentation tier, Business tier and Resource tier
- Implemented application specific exception handling and logging frame work using **Log4j,Hibernate4**
- Implemented **Apache Kafka** to provide a unified, high-throughput, low-latency platform for handling real-time data feeds
- Involved in developing the component which provides the required information to Reporting system to generate the trend analysis reports for user attempts, success, user failures and system failures.
- Involved in developing an automation tool, in Java and **Scala** on **Akka** Framework
- Involved in complete development of '**Agile** Development Methodology/**SCRUM**' and tested the application in each interaction.
- Experienced in using **Scala, Java** and **Python** frameworks for **Bigdata/Spark** engine requirements.
- Involved in with xml, **MVC, Backbone, svn Symfony2**.
- Worked with Angular.js routers, forms, modules, DOM, events, expressions, controllers, filters and Http Request.
- Experience in different Hadoop distributions like Cloudera (CDH3 & CDH4) and Horton Works Distributions (HDP) and MapR 2.
- Developed Spark code using Scala and Spark-SQL for faster testing and data processing.
- Setting up the Spark Streaming and Kafka Cluster and developed a Spark Streaming Kafka App.
- Imported millions of structured data from relational databases using Sqoop import to process using Spark and stored the data into HDFS in CSV format.
- **MEAN stack** implementation, Angular.JS **Full-Stack** generator (generator-angular-full stack), and actually run, edit, and deploy an application.
- Involved in converting **Hive/SQL** queries into Spark transformations using **Spark RDD, Scala**.
- Improve the performance of the application by using the Performance Tuning and Time lines for each module of the Application. Based on Time lines decrease the page loads and increase the total performance of the application.
- Implementation of **Struts** - Configuration Files, Validation Files, Interceptors, Filters, Listeners for Modules.
- Implemented **Core Java** Methodologies like Interfaces, Collections, Customized Exceptions and **Multi-Threading**.
- Designing and developed Micro Services using (**MEAN Stack**) node.js, Mongo DB, Neo4J, **Elastic search** on Cisco Private Cloud OpenStack Platform

- Developed the Application making use **Java 8's** new Streams **API** and parallel Streams to partition the streams.
- Development of **Apache Struts** web applications from concept to rollout
- Designed and developed the process of synchronizing and Multi-Threading for each module of the application.
- Experiences in Web Programming and User Interface Development having hand on experience on **python**, **MySQL**.
- Programming experience in **node.js**, **mongo db**, **java** and **MySQL**, **NOSQL**.
- Solved Production Support defects by using tool **HP Tracing**. Based on priority of the defect solve the all production support defects.
- Designed and developed the login portal using framework **Angular 2** along with **HTML5**, **CSS3** and **Type Script**.
- Extensively used Java 8 features (Lambda Expressions, Streams)
- Used Java 8 Method References feature to point to methods by their names and also used functional Interfaces.
- Developed the Application making use Java 8's new Streams API and parallel Streams to partition the streams.
- Used micro service architecture, with Spring Boot-based services interacting through a combination of REST and Apache Kafka, Spring4 message broker
- Written micro services using Spring Boot and Spring Data for Dynamo DB
- Used Subversion for activities tracking Version Controlling and Change Management that is tracking structure of folders, maintaining global revision number for the whole repository and **Clear Case** operations
- Used **Hibernate** Mapping to form persistence objects to interact with Database

**Environment:** Java8, J2EE, Servlets, JSP, HTML, Spring4, Hibernate4 DHTML, JavaScript, AJAX, JQuery, XML, XSLT, Eclipse, Spring Web MVC, NOSQL, Hibernate 4.0, SOAP,JSON,CSS, JAXP, JAXB, Oracle 11g, SQL, JUNIT, Java8 , Cloud Foundary ,Reactive Systems, Reactive programming

**Novartis, East Hanover, NJ**  
**Sr. Java Developer**

**Nov'14 – Aug'16**

#### **Responsibilities**

- Development, enhancement and testing of the Web Methods flow services and **Java** services.
- Used web services for interaction between various components and created **SOAP** envelopes.
- Paypal had their own application stack for **REST** based **Java** application, understood their architecture before design and development.
- Proficient coder in multiple languages and environments including **Python**, Django, C, C++ and SQL, NOSQL.
- Experienced in using **Scala**, **Java** and **Python** frameworks for **Bigdata/Spark** engine requirements.
- Implementation of **Struts** - Configuration Files, Validation Files, Interceptors, Filters, Listeners for Modules.
- Implemented continuous integration & deployment (CICD) through Jenkins for Hadoop jobs
- Experience in different Hadoop distributions like Cloudera (CDH3 & CDH4) and Horton Works Distributions (HDP) and MapR 2.
- Hands on experience in **Html**, **CSS** **Java Script**, **BootStrap**, **Ajax**, **php**.
- Developed custom spring boot starters in existing **Microservice Framework** to provide for developers Cloud-native microservice environment like Centralized configuration, service registry and discovery, circuit breaker, monitoring and distributed tracing so developer can focus on writing business logic.
- Developed and enhanced some configurable camel routes in framework using yaml file configuration.
- Enhanced some spring boot starters which hold dependencies and code.
- Developed **Junit tests**, **integration test using Mockito**.
- Experience in performance tuning a **Cassandra** cluster to optimize writes and reads
- Involved in the process of data modeling Cassandra Schema
- Installed and Configured DataStax OpsCenter for **Cassandra** Cluster maintenance and alerts.
- Benchmarked **Cassandra** cluster based on the expected traffic for the use case and optimized for low latency
- Built Cassandra Cluster on both the physical machines and on AWS
- Assisted Development teams to migrate applications to Docker based PaaS platform using **Kubernetes**.
- Experienced in defining Application Deployment Solution on Docker based PaaS environment and migrating applications to **Kubernetes** and Docker platform
- Designed and implemented required Failover mechanisms in a Docker/**Kubernetes** Ecosystems.

- Automated **Cassandra** Builds/installation/monitoring etc
- Created frontend screens using GWT framework.
- Loaded data in elastic search from Datalake and Optimized the full search function using **Elastic Search**.
- Expertise in **AngularJS** controllers, directives, factories, services, routing, DOM manipulation using JavaScript, jQuery and AngularJS. Experience in **MEAN (MongoDB, CockroachDB, Express, Angular Js and NodeJS) Stack** application development
- Used **Elastic search** for Real time analytics and a Full text search functionality
- Subject matter expert in enterprise search engine analysis, design, development and systems integration. Search engines include Autonomy IDOL Server, MOSS 2007, Endeca, **Lucene/Solr** and **Microsoft FAST 2010 for SharePoint 2010, SharePoint 2013**.
- Experience in working with the **NoSQL, Mongo DB, and Apache Cassandra**.
- Resolving scalability and performance issues both in Applications as well as in Web sphere/**Web Logic** Application Servers.
- Developed the Application making use Java 8's new Streams API and parallel Streams to partition the streams.
- Used micro service architecture, with Spring Boot-based services interacting through a combination of REST and Apache Kafka, Spring4 message broker
- Written micro services using Spring Boot and Spring Data for Dynamo DB
- Developed Framework components for **Struts** Presentation tier, Business tier and Resource tier
- Experienced in **MEAN** stack advancement (**MongoDB, CouchbaseDB, Express.JS, AngularJS &NodeJS**).
- Experience in developing Web based GUI's using **JSP, HTML, DHTML, CSS, JavaScript (and its frameworks like JSON), Action Script, DOJO, Node JS, Angular JS, JQuery, EXT JS** and **Ajax**.
- Modularized front end **CSS** and JS code with **Sass**. Built a real-time mouse/click user analytics web service with **Node.js**
- Involved in developing an automation tool, in Java and **Scala** on **Akka** Framework
- Experience in web applications creation with **HTML5, Ajax, JQuery, Backbone.js, and CSS3**.
- Performed **UNIX Shell scripting** for the application.
- Worked on **Solr, Elastic Search, Kafka, Flume, MangoDB, CockroachDB** and **Cassandra**
- Extract the data from Oracle and push to **Apache Kafka** Queue using Golden Gate.
- Used **Apache Kafka** (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications. Involved in developing an automation tool, in Java and Scala on **Akka** Framework.
- Implemented search engines by using **Angular JS** filter to make the data searchable and sortable.
- Involved in converting **Hive/SQL** queries into Spark transformations using **Spark RDD, Scala**.
- Experience in development of **JavaScript** for client side validations.
- Designed/developed **UI** with **AJAX, HTML, DHTML** and **JavaScript** for interactive web pages.
- Expert in implementing unified data platform to gather data from different sources using **Kafka** and **Java** Producers and consumers.
- Design the **J2EE** components of the **Restful Web Services** and scheduled **Java** batch jobs based application in UML.
- Used **Scala** for coding the components in **Play** and **Akka**.
- Used **scala** scripts for spark machine learning libraries API execution for decision trees, ALS, logistic and linear regressions algorithms.
- Created Web Services (**SOAP**) between different components and also exposed few web services to client apps get metadata for the specific entities and documents.
- **MEAN stack** implementation, AngularJS **Full-Stack** generator (generator-angular-full stack), and actually run, edit, and deploy an application.
- Experienced in developing Web Services with **Python** programming language.
- Developed the application using **Struts** Framework that leverages classical Model View Controller (**MVC**) architecture.
- Front end design using **HTML CSS Bootstrap**.
- Implemented Business processes such as user authentication, Account Transfer using Session **EJBs**.
- Implemented **Apache Kafka** to provide a unified, high-throughput, low-latency platform for handling real-time data feeds



- Extensively developed stored procedures, triggers, functions and packages in **oracle SQL, NOSQL, PL/SQL**.
- Developed the front end using **HTML, JavaScript, AJAX, JSP, CSS, JQuery**, and **XML**.
- Developed **POJO's**, Data Access Object (**DAO**) which handles all database operations using **Hibernate**.
- Developed Spark code using Scala and Spark-SQL for faster testing and data processing.
- Setting up the Spark Streaming and Kafka Cluster and developed a Spark Streaming Kafka App.
- Imported millions of structured data from relational databases using Sqoop import to process using Spark and stored the data into HDFS in CSV format.
- Extensively used Java 8 features (Lambda Expressions, Streams)
- Used Java 8 Method References feature to point to methods by their names and also used functional Interfaces.
- Developed the Application making use Java 8's new Streams API and parallel Streams to partition the streams.
- Used microservice architecture, with Spring Boot-based services interacting through a combination of **REST** and **Apache Kafka** message broker
- Experience on Protractor in end-to-end test framework for **Angular JS** applications and also performed in jasmine, mocha, and chai.
- Experience in using design patterns and UI frameworks such as **MVC, Struts, Hibernate, NodeJS, and spring**.
- Strong knowledge in developing and designing web 2.0 application according to Information architecture and Usability standards using Ajax, JQuery, **Backbone.js, XML, Symfony 2, CSS3** and MVC frameworks.
- Implementing the Big Data solution using Hadoop, hive and Informatica 9.5.1 to pull/load the data into the HDFS system.
- Setup and benchmarked Hadoop/H Base clusters for internal use
- Implementation of the Business logic layer for **Mongo DB** Services.
- Implemented the Animation and styling using **CSS3** and **JQuery**.
- Developed logging module-using **Log4J** to create log files to debug as well as trace application.
- Developing data access layer using **IBATIS** -ORM and **JDBC**.
- Involved in **JUnit** Testing, debugging, and bug fixing.
- Used Log4j to capture the log that includes runtime exceptions and developed **WAR** framework to alert the client and production support in case of application failures.

**Environment:** Java, J2EE, Servlets, JSP, HTML, DHTML, CSS, AJAX, JQuery, XML, XSLT, Eclipse, Spring Web MVC, Hibernate 4.0, WSDL, SOAP, SQL, HP Quality Center, JUNIT, Ant.

**Prudential, Newark NJ**  
**Sr. Java Developer**

**Jun'13 – Oct'14**

#### **Responsibilities**

- Responsible for coding with the use of Object Oriented Principles and implementing **MVC** with **JSP, Struts**.
- Developed the **Spring AOP** programming to configure logging for the application
- Developed user interfaces using **Java** Server Pages using **HTML, DHTML, XHTML, CSS & JavaScript**.
- Experience with **Python** development under Linux OS (Debian, Ubuntu, RedHat Linux).
- Designed different UI aspects for improved performance of the application by using GWT.
- Developed code using Core **Java** to implement technical enhancement following **Java** Standards.
- Proficient in Node.js, **Mongo db**, Redis and Linux flavor.
- Involved in the analysis, design, and development and testing phases of Software Development Life Cycle (**SDLC**).
- Used **JPA (Java Persistence API)** with **Hibernate** as Persistence provider for Object Relational mapping.
- Expertise in client scripting language and server side scripting languages like **JavaScript, jQuery, JSON, DOJO, bootstrap, Node.js, Angular.js, backbone.js, Require.js, JSF** and **JSP**.
- Developed the Front end for the application using **HTML5, Angular JS, JSP** and **JavaScript**.
- Developed and implemented Swing, **Spring** and **J2EE** based **MVC** (Model-View-Controller) framework for the application
- Optimized the Cassandra cluster by making changes in **Cassandra** configuration file and Linux OS configurations.



- Setup, upgrade and maintain **Cassandra** DSE clusters.
- Tune databases and provide design changes and support stress tests to proactively fix problems.
- Implemented application level persistence using **Hibernate** and **Spring**.
- Data Warehouse (**DW**) data integrated from different sources in different format (PDF, TIFF, JPEG, web crawl and RDBMS data **MySQL**, **oracle**, **SQL** server etc.)
- Used **XML** and **JSON** for transferring/retrieving data between different Applications.
- Also wrote some complex **PL/SQL** queries using Joins, Stored Procedures, Functions, Triggers, Cursors, and Indexes in Data Access Layer.
- Designed and developed **SOAP** Web Services using **CXF** framework for communicating application services with different application and developed web services interceptors.
- Ant build file creation and usage of **Maven Ivy** tool set, along with dynamic **JUnit** report generation in PDF format.
- Developed dynamic web pages using **Python**, Django Frameworks.
- Worked as backend developer of this app using **Nodejs**, Socket io and **mongo db**.
- Implemented the project using **JAX-WS** based Web Services using **WSDL**, **UDDI**, and **SOAP** to communicate with other systems.
- Experience in developing UI applications using **HTML**, **HTML5**, JQuery, and AJAX, **AngularJS**, **Backbone JS**.
- Developed back end interfaces using embedded **SQL**, **PL/SQL** packages, stored procedures, Functions, Procedures, Exceptions Handling in **PL/SQL** programs, Triggers.
- In depth exposure to creating **API** for internal and external application using **REST** and **SOAP** based design. Open source framework like Jersey used for create **REST API**
- Managing Source code in CVS and SVN and Project Documents in Share Point.

**Environment:** JAVA, J2EE, JDK JSP, XML, JSF, Struts , Web Services ,Spring MVC, JNDI, JDBC, SQL, HTML, DHTML, JavaScript, AJAX, Oracle, SOAP UI Tool, SVN, SQL, ANT.

**Citizens Financial Group, Atlanta GA**  
**Java Developer**

**Dec'11 – May'13**

#### **Responsibilities**

- Design, Development, testing and debugging of new software and enhancements to existing software.
- Resolving design conflicts and using best coding practices.
- Developed common reusable component libraries (CRUD Scaffolding) to be reused in different projects throughout the company's IT team using GWT, Sencha, spring data, JPA.
- Getting signoff from the users after User acceptance testing.
- Used **JavaScript**, **JQuery** and **ExtJs** to create **UI** on the Front End.
- Developed major websites and services by including **Mongo DB** as backend software.
- Used various libraries of **JavaScript** like **jQuery**, **backbone.js**, **underscore.js** and **node.js**.
- Translation of business requirements to information technology.
- Developed business modules using **Hibernate & Spring** frame work technologies.
- Experience in handling **WebLogic** scripts for server management and application deployment
- Configuration of application using the **Spring**, **Hibernate**, DAO's, Action Classes, **Java** Server pages.
- Involved in building database Model, APIs and Views utilizing **python**, in order to build an interactive web based solution.
- Working as Cassandra Admin (Datastax DSE-DevOps-NoSQL DB) on 39 node cluster.
- Administration and maintenance of the cluster using OpsCenter, Devcenter, Linux, Node tool etc.
- Data migration from Teradata to **Cassandra** using Teradata Fexport & Cassandra loader.
- Web pages are developed using **Java** Server Pages, **HTML**, **DHTML**, **EXTJS**, **AJAX**, and **JavaScript**.
- Performed unit testing with **JUnit**.
- Used Cobertura tool to analyze the code covered by Unit test cases.
- Used **Oracle WebLogic** 10.x as my Application Server for this application.
- Developed new modules using JSF 2.0 Framework

- Built an online system using **XML**, **Javascript**, AJAX, Struts 2.0, JDBC
- Involved in technical Documentation for the module
- Designed and created SQL Server Database, Stored Procedures
- Extensively used **XML**, JSP, **Javascript**, AJAX, Servlets to drive the application / request user input from backend
- Involved in designing and developing Customized tags using JSP taglib
- Implemented Model View Control (MVC) architecture using Struts Framework and Spring framework
- Developed browser-based **Java** Server Faces front-end to an AS/400 system
- Worked on Web Sphere Application Server
- Used Ajax to provide dynamic features where applicable
- Used MVC pattern for GUI development in JSF and worked closely with JSF lifecycle, Servlets and JSPs are used for real-time reporting which is too complex to be handled by the Business Objects
- Created several JSP's and populated them with data from databases using JDBC
- Working on Session maintenance was done using **Servlets**
- Developed and Designed Interfaces using **JSP** and **Servlets** .
- Used ANT automated build scripts to compile and package the application.
- Used Jira for bug tracking and project management.

**Environment:** JAVA, J2EE, JDK, Servlets, XML, Web Services (JAX-WS: SOAP), Spring MVC, JDBC, SQL, HTML, JavaScript, AJAX, SOAP UI Tool, SVN, SQL, Apache Axis 1.2, ANT, JUnit.

**ATA SOFTWARE P LTD, Bangalore**  
**Java Developer**

**Jul'08 – Nov'11**

#### **Responsibilities**

- Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
- Developed a prototype of the application and demonstrated to business users to verify the application functionality.
- Developing front end of application using **HTML**, **CSS**, backbone.js, **javascript**, jQuery.
- Design, develop and implement MVC Pattern based Keyword Driven automation testing framework utilizing **Java**, JUnit and Selenium WebDriver.
- Used automated scripts and performed functionality testing during the various phases of the application development using Selenium.
- Used **Angular** js framework where data from backend is stored in model and populated it to UI.
- Prepared user documentation with screenshots for UAT (User Acceptance testing).  
Environment: **Java**, **Javascript**, **HTML**, **CSS**, Xpath, Selenium Web driver, Eclipse, JUnit, Jmeter, Jira, Windows, Mac OSX, **Oracle** 10g, Agile Methodology.
- Developed and implemented the MVC Architectural Pattern using Struts Framework including JSP, Servlets, **EJB**, Form Bean and Action classes.
- Hands on experience with MVC **Javascript** frameworks such as Backbone.js, **Angular.js** and **Node.js**.
- Implemented server side tasks using Servlets and **XML**.
- Helped developed page templates using Struts Tiles framework.
- Implemented Struts Validation Framework for Server side validation.
- Developed JSP's with Custom Tag Libraries for control of the business processes in the middle-tier and was involved in their integration.
- Implemented Struts Action classes using Struts controller component.
- Developed Web services (**SOAP**) through WSDL in Apache Axis to interact with other components.
- Implemented **EJBs** Session beans for business logic.

- Used parsers like SAX and DOM for parsing **xml** documents and used **XML** transformations using XSLT.
- Wrote stored procedures, triggers, and cursors using **Oracle PL/SQL**.
- Created and deployed web pages using **HTML**, **JSP**, **Javascript** and **CSS**.
- Wrote JUnit Test cases for performing unit testing.
- Used Rational Clear Case as Version control.
- Implemented **Java/J2EE** Design patterns like Business Delegate and Data Transfer Object (DTO), Data Access Object and Service Locator.
- Interact with clients to understand their needs and propose design to the team to implement the requirement.
- Built **Angular** js framework including MVC architectures, different modules, specific controllers' templates, custom directives and custom filters.

**Environment:** Java1.5, JSP, JDBC, Spring Core 2.0, Struts 1.2, Hibernate 3.0, Design Patterns, XML, Oracle, PL/SQL Developer, Web services, SOAP, XSLT, Jira.