**Summary**

* Highly adaptive software engineer with more than 14 years of experience in developing top quality software applications. Experienced in design and development of multi-tier enterprise applications using Python, Java, Spring, Web Services and Big Data technologies
* Experience with designing technological solutions to complex data problems, developing & testing modular, reusable, efficient and scalable code to implement those solutions
* Excellent understanding of Hadoop architecture and various Big data technologies such as Apache Spark, Hive and EMR. Experience with integration of data from multiple data sources.
* Experienced in developing Big data jobs to analyze data using EMR, apache spark, Map reduce and hive
* Strong understanding and experience in distributed computing frameworks, particularly Apache Hadoop (YARN; MR & HDFS) and associated technologies such as PySpark, Hive, Sqoop
* Experienced in Design and Development of multi-tier enterprise applications using Java, J2EE, Python, Spring, Hibernate and Java Script
* Experienced in integrating enterprise applications using Enterprise Service Bus (ESB), JMS, SOAP and RESTful Web services; Strong knowledge in Service Oriented Architecture (SOA)

**Technical Skills**

* ***Programming Languages****:* C, Python, Java, Scala, Sql, Pl/Sql, JavaScript
* **AWS:** Lambda, DynamoDB, SQS, SNS, S3, EC2, EMR, Event Bridge,
* ***Hadoop Technologies:*** Apache Spark, Hdfs, Hive, Oozie, Sqoop, Avro, Kafka, EMR, Cloudera Hadoop (CDH 5.7), Zookeeper, Impala, IBM Spectrum
* ***J2EE Technologies****:* Servlets, JSP, JDBC, JSF, JNDI, EJB3, JMS, JPA, JAXB, JAX-WS, JAX-RS
* ***Web Technologies****:* HTML, XML, CSS3, JSON, AJAX, SOAP, WSDL, ExtJS, Angular, JQuery
* ***Databases****:* Oracle, MySQL, PostgreSQL, SQLServer, MongoDB
* ***Server-side Frameworks and Libraries****:* Pandas, NumPy, Spring, Hibernate, MyBatis, Spring MVC, Spring web flow, Spring Batch, Spring Integration, Spring AOP, Spring Boot, Google Guice, Mule ESB
* ***Operating Systems****:* Windows, UNIX, SUN Solaris, Linux, Mac OS X
* ***Tools****:* Git, Subversion (SVN), JIRA, Toad, SQL Developer, Share point, Clear Case, Perforce

**Certifications**:

* AWS Certified Solutions Architect - Associate

**Professional Experience**

**Mitchell Martin Inc**

**Application Architect July 2019 – Present**

* Designed and developed solution to move dormant data out of production systems to optimize the performance of production cluster resources
* Developed solution to compress and archive hive tables in all formats(Avro, Parquet, Text, ORC) and flat files like csv, excel and any other structured data
* Involved in developing a platform that provides end to end model development, implementation and execution capabilities on which users can automate business activities and processes in a fully controlled and governed manner
* Migrated pyspark scripts that are designed to work with Cloudera/Yarn stack to use IBM Spectrum compute grid
* Developed a solution that combines small files into larger files to speed up the execution of Hadoop programs and reducing the load on name node

Technologies Used: Python, Java, J2EE, Hadoop, Apache Spark, PySpark, HDFS, Hive, Spring, Avro, Oracle, Maven, Java, J2EE, Cloudera, IBM Spectrum grid, Pandas, NumPy

**L&T Infotech Ltd/ Adam Information Technologies *Jul 2015 – July 2019***

***Sr Big Data Consultant***

This project is to design and develop Citi Group’s retail risk applications

* Developed Apache spark jobs to read, enrich and aggregate Citi risk retail account level data to perform data analytics and create output files for CCAR Fed submissions
* Built a framework using Apache Spark to read, enrich and aggregate data that processes data for multiple work streams and generates output based on system defined rules.
* Improved performance of Spark jobs by tuning memory settings, configuring parallelism and eliminating complex joins during data processing
* Implemented big data jobs that use Apache Sqoop to transfer data from Hadoop to Oracle database
* Involved in migration of Map Reduce jobs to Apache Spark
* Designed and developed spring batch jobs to enrich the retail risk account level data from various source systems
* Developed a solution for CCAR 14A data attestation using JBPM workflow engine
* Designed and developed software solution for Fas 114 analysis preparation, approval, administration and workflow
* Implemented the functionality to load JPA entities from multiple databases in to cache using Citi Risk eCore framework
* Customized the java bean validation framework to propagate constraint violations to respective fields in UI layer
* Implemented the functionality to create excel reports to track exceptions and generate Fas 114 template for audit purposes

Technologies Used: Java, J2EE, Hadoop, Apache Spark, JPA, Hibernate, ExtJS, JSON, Apache POI, Oracle, WebSphere, ExtJS

**Adam Information Technologies**

***Sr Java Developer Jan 2012 – Aug 2014***

* Designed and Developed a web application that provisions, monitors the client applications running across various entities.
* Developed Dao layer using Hibernate, Spring Data. Developed stored procedures in oracle that would be used for reporting purposes
* Customized Ariba buyer application that process purchase orders, invoices and receipts
* Developed Xml transformers in Mule ESB to convert the soap xml messages to IBM MQ accepted formats
* Designed and Developed web application using Spring MVC framework; Configured the application to integrate JSF view layer with Spring Web flow
* Designed and Developed data access layer with spring and hibernate;
* Developed Spring batch jobs to import various entity specific data into e-Procurement system

Technologies Used: Java, Java script, JQuery, JPA, Sprint Data, Mule ESB, Ajax, Spring MVC, Spring Batch, Spring web flow, JSF, Hibernate, Oracle, Ariba buyer

**AXA Group Solutions, Bangalore**

***Java/J2EE Developer Aug 2010 – Sep 2011***

* Built and deployed Java based e-commerce application into multiple Unix based environments and produced unit and functional test results
* Built SOAP based web services to export and import attachments from file net into e-commerce application
* Integrated e-commerce application with SAP using Soap based web services by utilizing SAP Net Weaver as middle tier

Technologies Used: Java, XML, BEA WebLogic 10g, Oracle 10g, XML, SOAP, WSDL, SAP Net Weaver, Ariba

**NTT DATA INC**

***Java/J2EE Developer Dec 2006- Jul 2010***

* Integrated e-commerce application with SUN ERP using JMS.
* Developed rich user interfaces with JSP, JSTL, spring tag libraries and various other custom tag libraries.
* Developed web application based on Spring MVC framework; Developed client side validations using Java script
* Designed and implemented workflows for various transaction types
* Designed and implemented robust batch applications vital for the daily operations of e-commerce applications

Technologies Used: Java, JSP, JSTL Java Script, JQuery, AJAX, Spring, Hibernate, XML, Tomcat, BEA WebLogic, Oracle, JMS

**Education**

Bachelor of Technology, JNT University, Hyderabad, India in 2006