

**Rohit Kumar Singh**  
**Software Engineer**  
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#### PROFESSIONAL SUMMARY:

- 3.0 years of experience in Scala, Python, Java, Hadoop, HDFS, AWS. Involved in the analysis, design and development of spring based web applications and data lake implementation.
  - Hands on expertise in Hadoop, HDSF, Spark, Java, Spring Boot, Elasticsearch, Hazelcast, AWS.
  - Exposure on distributed computing, ETL, Panda, Hadoop, HDFS, Hive, Athena, Redshift.
  - Experience in Real time data processing using Kafka, Zookeeper, Rabbit & Cassandra.
  - Have quality experience in designing micro service architecture, rest based APIs for enterprise applications.
  - Strong knowledge in database designing, maintaining and sql query optimization.
  - Expertise in Apache Airflow, Nifi, AWS & cloud computing
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#### WORK EXPERIENCE:

**Intelligrape Software Pvt Ltd**  
Software Engineer

March, 2018 - Present

**IDC Technologies Services**  
Software Engineer

September 2017 - March 2018

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#### TECHNICAL SKILLS:

Components	Skills
Big Data stack	Hadoop, HDFS, Hive, Yarn, Zookeeper, Panda, Sqoop, Airflow, nifi, AWS Glue, Athena, Redshift
Queue System	RabbitMQ, Apache Kafka
Back-end	Python, Scala, Spark, Java, Spring Boot, Hibernate, JPA, Micro Services, Spring Data
Front-end	HTML, CSS, Javascript, jQuery, AngularJS,
Database	MySQL, Cassandra, Elasticsearch, Hazelcast, Mongo
IDE/Build Tool	Maven, Gradle, Jenkins, IntelliJ Idea, Git

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**PROJECTS HIGHLIGHTS:**

Vertex Pharmaceutical (April 2020 - Current)	
About client	It is a USA based Pharmaceutical Organisation
Project Overview	To create a data pipeline for the organisation to keep the data organised for the analysis.
Technology / Tools	Nifi, Airflow, AWS EC2, EMR, Glue, Redshift, Athena, Grafana, Deequ, Multiple AWS services
Roles	Software Engineer
Responsibilities	<ul style="list-style-type: none"><li>→ Involved in creating a data pipeline to get the data from source and doing transformation and pushing into Lake.</li><li>→ Handling the incremental approach using python.</li><li>→ Data analysis of the data from the source using Deequ.</li><li>→ Create graphical representation of the analysis using grafana.</li></ul>

Tatasky ( March 2018 - April 2020)	
About client	A digital content provider based in India.
Product Overview	Designing and developing highly scalable and reliable end to end OTT platform for TataSky where TataSky subscribers can buy and view content over different platforms.
Technology / Tools	Java 8, JavaScript,Scala, Spark, Hadoop, JQuery,Mysql, Elasticsearch 5.2.2, Cassandra 3.2, Apache Kafka 0.11.0.0, Hazelcast 3.7.5, Spring Boot 1.4.0, Spring Data, RabbitMQ, Panda, Python, Sqoop, Hive
Roles	Software Engineer
Responsibilities	<ul style="list-style-type: none"><li>→ Active involvement in gathering business requirements, providing feasible solutions and micro service designing.</li><li>→ Data Lake Implementation for multiple content providers using spark,Scala,Hadoop, HDFS, Sqoop,Hive and queue buffering.</li><li>→ Using Sqoop,FTP, ETL and queue buffering to get the data into HDFS.</li><li>→ Provided viewing history and continued watching feature based on subscriber's watch events.</li></ul>

RLOS WEB Application (Sep 2017 - Feb 2018)	
About client	United Arab Bank Of Emirates.
Project Overview	A user interactive form for the bank to let give loan to people.

Technology / Tools	Core Java, JavaScprit, XML, HTML, JSP, Servlet,JSF 2.2,Eclipse, SQL dbx,MySql
Roles	Software Engineer
Responsibilities	<ul style="list-style-type: none"> <li>→ Involved in designing web pages using JQuery, HTML, JavaScript.</li> <li>→ Server Side programming using Bean class</li> <li>→ Creating view from table and creating XML mapping class and then generatingPDF.</li> <li>→ Done UAT delivery for the project.</li> </ul>

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#### **ACADEMIC QUALIFICATION:**

**Bachelor in Engineering**  
**2016**  
 BMSIT (VTU, Bangalore)

**May,**

**Higher Secondary**  
 C.B.S.E

**March, 2012**

**Secondary**  
 C.B.S.E

**March, 2010**