

# Shah Newaz Akhtar

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<https://github.com/Shah90>



## Horton Works Certification for Admin

Domains worked so far includes BFSI(Insurance), ERP(HCM) and e-commerce.

## Summary

Newaz is a keen learner and thrives to bridge the gap between data technology and its application for smart cities. He is the person with 3 i's, Intelligent, Initiative and Integrity.

## Experience



### Quality Analyst BI

Paktolus Solutions  
Apr 2021 - Present

- Business Intelligence Dashboard testing.
- ETL (Spark streaming) Testing with Automation Tool, Talend.
- AI Data-model API Testing using Rest Assured Framework.

**Tools and Technologies-** HDP, Spark 3.0, Tableau, Hive, MSSQL, PostgreSQL and Informatica.



### Software Engineer

PeopleStrong Technologies  
Jul 2020 - Apr 2021

- Automated regression testing for UI using Selenium and automated Slave services auto restart for Cloudera Manager using Selenium to minimize cluster monitoring during wee hours.
- Tested Pivot Tables (row to columns) using Talend for Big-Data.
- Tested Apache Solr Applications using Talend for Big-Data.
- Implemented security for Hadoop cluster on Development environment for Apache HBase and Apache Impala and Hive using ACL and Apache Sentry (POC carried alone).



### Associate Testing Engineer

PeopleStrong Technologies  
Jun 2018 - Present (2 years)

- Apache Spark Jobs testing (ETL Testing) using Talend for Big-Data.
- Tested UI manually for Integration Testing.
- Tested API manually (JSON and XML) using post-Man.
- Carried out white Box testing (SQL) for Reporting Framework.

**Tools and Technologies-** CDH (Cloudera Distribution of Hadoop) eco-system, Apache YARN with Spark 2.0, Apache Hive, Apache HBase, Apache Solr, Apache Phoenix, Apache Impala, Apache Kudu, Apache Sqoop, Jenkins (CICD), git, AWS (S3 and ec2-instances), Apache Kafka and Talend for Big Data, Selenium WebDriver, TestNG, ACL, Apache Sentry and Apache Hue.

### **Trainee trainer (Freelancing)**

Ecorp Trainings

Dec 2017 - Mar 2018 (4 months)

- Hadoop Admin. trainer for IT professionals emphasizing in Single and Multi-node setup (up to 5 nodes or more for parallel computing) for Horton Works Hadoop, Nodes security with MIT's Kerberos, ACL, Apache Knox and Apache Ranger. Apart from that local repository settings or on cloud platform: Amazon Web Services and Microsoft Azure environments on RedHat Linux, CentOS and Ubuntu. HA (Name Node and YARN) and failed job review, log review for trouble shooting and Queue for departments along with Hive (SQL database), Apache Pig and MongoDB (no-SQL database).

**Tools and Technologies-** HDP (Horton Works Distribution of Hadoop) eco-system, Security components- ACL, Kerberos, Apache Knox and Apache Ranger, Cloud platform-AWS and Azure.



### **Intern**

XorGlobal

Sep 2016 - Sep 2017 (1 year)

- He was involved with monitoring Hadoop ecosystem for an in-house project. Other roles include writing MapReduce, writing query and engineering ETL tools. He was also holding Interim consultant for monitoring tool-Dynatrace.
- He was responsible for building, scaling of ec2-instances (AWS) using Terraform and creating pipelines for communication between processes.

**Tools and Technologies-** HDP (Horton Works Distribution of Hadoop) eco-system, Cloud platform-AWS, Dynatrace and Apache Sqoop and Mongo DB.

## **Scholastics**



### **Royal School of Business/Royal School of engineering & Technology**

Graduate in Engineering, Civil Engineering

2012 - 2015

- His graduation days was where his priorities changed. Newaz is a great admirer of Neil DeGrasse Tyson. He cultured himself more on Celestial mechanics, astrophysics and astronomical survey (Civil engineering) during the last tenure of his graduation days.
- He taught himself programming from scratch which included C and HTML, brushing up the past skills helping him to grow and prosper.
- He started building photography habits. Genre includes night sky photography and landscape photography.

### Assam Engineering Institute



Diploma in Engineering, Civil Engineering  
2007 - 2011

- Drove the project alone in a team consisting of nine peoples and prepared the presentation from scratch.

### S.P. English Medium High School



High School/Secondary Diplomas and Certificates  
2001 - 2007

- Newaz was involved with computer programming during his 9th and 10th standard where he learned C, Prolog and HTML. He even developed a blogging website in his latter standard, which was a high school project with little help from his academic peers.

## Licenses & Certifications



**HDFCA** - Hortonworks

<http://bcert.me/sjmtzuwl>



**Java (Core) tutorial** - Solo Learn



**SQL fundamental course** - Solo Learn



**Programming in C.** - Compusoft Computer Academy

## Skills

- Hadoop ecosystem - Intermediate
- OS - Linux (Intermediate) and Windows (Basic)
- Cloud platform - AWS(Intermediate) and Microsoft Azure (Basic)
- ETL - Talend (Intermediate) and Apache Sqoop (Basic)
- STLC - Advance
- Testing levels and Test suite - Advance
- RDBMS -MSSQL (Intermediate), MySQL (Intermediate), Apache Impala(Basic) and Apache Hive (Intermediate)
- NoSQL - MongoDB (Basic) and Apache HBase (Basic)
- Testing framework - Selenium WebDriver (Intermediate), TestNG, Talend (Intermediate), Maven (Basic), log4j(Basic), POST Man (Intermediate), Rest Assured API Testing and PageObject Model
- Security testing - Gateway for API, Kerberos, and Apache Sentry
- Security tools - Apache Knox (Advance), Apache Ranger (Intermediate), ACL(Intermediate), Kerberos (Intermediate) and Apache Sentry (Intermediate)
- CICD - Jenkins (Basic) and git (Intermediate)