

Vikas Srivastava

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Profile

Experienced **Big Data** and **AI/ML Architect** with a strong track record in strategizing, designing, and deploying innovative solutions for Fortune 500 companies. Expertise in cloud and on-premise environments, optimizing performance and delivering value. Skilled in designing complete big data platforms and leveraging advanced AI/ML techniques for actionable insights. Proficient in public and private cloud, on-premise infrastructure, and seamless service migrations. Over 14 years of industry experience, dedicated to delivering cutting-edge solutions and driving transformative outcomes.

Certificates

AWS Solutions Architect Associate

Amazon web services

Cloudera Data Platform: Security

Cloudera Inc

Hortonworks Data Platform Certified Administrator

Hortonworks

Hortonworks Data Platform Certified Developer

Hortonworks

Automated Infrastructure on GCP with Terraform

Qliklabs

Cloud Architecture: Design, Implement, and Manage

Qwiklabs

Modern Data Architecture

Cloudera Inc

CDP Generalist

Cloudera

Skills

Bigdata Pipeline Design and Implementation

Streaming and Batch



Design and Implement Big-data Solutions

usescases, Edw, Edl



Microservice Architecture



Security Design and Implementation

knox, kerberos, kts, kms



Public Cloud Experience

Aws, Gcp, Azure



AL/ML Architecture

Design ML use-case solutions



Big-data Stack

CDP, HDP, CDH, Apache Opensource



Education

07/2004 – 07/2008
Alwar, India

Bachelor of Engineering in Information Technology
Rajasthan University

Professional Experience

12/2018 – present
India / Singapore

Solutions Architect

Cloudera inc

- Consulting for **fortune 500** companies includes **largest banks** in Singapore/India, Gov Agencies, Tech Companies, E-COM Companies
- Implemented **Machine learning** Usecase using Bigdata tech stack
- Helped Customers in building a world-class **Data-lake, Data-Mesh, DWH** with CDP Private, hybrid & public cloud.

- Involve in **PoC, Planning** and **strategic Design** of Big-data platforms.
- Expertise in **sidecar** and **in-place upgrade** and **migration** from on-premise to public and private cloud.
- Implement **end to end security** solutions for customers.
- The design of platforms involves **multi-tier architecture** with different technology stacks.
- Implementing Cloudera and **third party tools integration**
- **Performance tuning, HealthCheck**, and **Monitoring** along with the best practice of Big-data clusters.

04/2016 – 11/2018
Singapore

BigData Application Lead

Optimum Solution

- Involved with Solution Architect to build EDMP (Enterprise data management platform) Using HDP 2.4.
- Requirement gathering and providing End to end solutions.
- Design of platforms involve multi-tier architecture with different technology stacks.
- Involved in all phases of the SDLC including analysis, design, development, testing, and deployment
- of Hadoop cluster.
- Implementation of Applications on Big Data System (HDP2).
- Create / design the schema on hive and HBase according to requirement.

12/2014 – 04/2016
Noida, India

Bigdata Lead

HCL Technologies

- Handling a Team of 6 members, responsible for building the Best Data warehouse.
- Providing End to End solution of Big-data Problems, real-time as well as Batch processing.
- Involved in all phases of the SDLC including analysis, design, development, and deployment of the Hadoop cluster.
- Develop Automation Scripts and design data processing flow.

04/2012 – 12/2014
Gurgaon, India

Senior Hadoop Admin

Tata Consultancy Services

- Extensive Experience is handling more 20 Cluster, cluster size between 600-800 Nodes.
- Implementing Hortonworks distribution on all the clusters.
- Installed and configured Hadoop MapReduce, HDFS, Developed multiple MapReduce jobs in java for data cleaning
- and preprocessing.
- Importing and exporting data into HDFS and Hive using Sqoop.
- Extracted files from CouchDB through Sqoop and placed in HDFS and processed.
- Experienced in implementing Security like SSL, Kerberos, ACL's.

01/2010 – 04/2012
Noida, India

Hadoop Admin

Paytm

- The Hive tables created as per requirement were internal or external tables defined with appropriate static and
- Developed Map Reduce jobs in java for data cleansing and preprocessing.
- Develop testing scripts in Python and prepare test procedures, analyze test results data and suggest improvements of the system and software.