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

AZ-305 Azure Solutions Architect Expert ⧉
Microsoft Azure

AZ-104: Microsoft Azure Administrator ⧉
Microsoft Azure

Cloudera Data Platform: Security
Cloudera Inc

Hortonworks Data Platform Certified Administrator
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.
- 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.