Manish S
Phone: (262) 299-8090
Email: manishsin815@gmail.com

Clients Worked For:

- **AmFam**
- **Charter**
- **Monsanto**
- **Texas Instruments**
- **Cisco**
- **Accenture**
- **SAP**

Education:

Master in Computer Applications

Certifications:

CCA 500 – Cloudera Certified Administrator for Apache Hadoop (CCAH)
License # 100-016-220

Professional summary:

- 14 years of IT experience**.**
- 5 Years on **Hadoop cluster** Administration.
- Cloudera Certified Administrator for Apache Hadoop.
- Presently working on Hortonworks Data Platform 2.6.1.
- In-depth knowledge of **Hadoop Architecture** - HDFS, Yarn, MapReduce, Hive, Spark, Hue, Oozie, Sentry, Ranger, Kafka and Zookeeper.
- Experience on both **Cloudera** and **Hortonworks** distributions.
- Expertize on setting up Hadoop security, data at rest encryption, **Kerberos**, LDAP, TLS/SSL, **Apache Sentry** and **Ranger**.
- Experience on working on Cloud Infrastructure - **AWS** and **IBM Softlayer.**
- Prior experience on **SAP BusinessObjects** and **Oracle** DB Administration.
- Hands on experience on writing automation programs using Core Java, UNIX Shell Scripts and **Ansible.**
- Good troubleshooting skills.
- Prior experience on leading/mentoring technical teams.
- Good Communication and Documentation Skills.
- Focused on customer satisfaction.

Technical skills:

Hadoop Components		Other Tools	
Cloudera Manager	Kafka	Linux	Networking
Ambari	Sqoop	Windows AD/LDAP	Core Java
HDFS	Hue	Kerberos	JVM Tuning
Hive	Sentry	Oracle	UNIX Shell Scripting
Yarn	Ranger	MySQL	Ansible
Spark	Zookeeper	AWS	SAP BusinessObjects

Work history:

Client: American Family Insurance, Madison, WI, USA   **Jun 2017 – Present**
Position: Hadoop Administrator

American Family Insurance (AmFam) is a Fortune 500 private mutual company that focuses on property, casualty and auto insurance. It offers commercial insurance, life, health, and homeowners' coverage as well as investment and retirement-planning products.

Responsibilities:

- Working as a Hadoop Administrator on Hortonworks HDP 2.6 environment for AmFam's Infrastructure Data Technologies Team.
- Write UNIX bash shell scripts to automate repetitive tasks. Some of them are mentioned below: -

- HDFS balancer to move data from 5 highly occupied data nodes to 5 least occupied data nodes.
- Migrate all local service accounts to VAS based Windows AD accounts. This included scripting the local user deletion, changing file ownerships from local to the AD accounts on the entire Hadoop cluster.
- Perform hourly Hive SQL checks against Hive service to ensure that the service is responding to customer requests. If a failure is detected thrice, it sends an email notification to the Hadoop Admins and restarts the affected Hiveserver2 instance after 30 minutes of notice period.
- Kill user jobs on the cluster automatically on user requests via service now ticket.
- Check for SQL syntax errors within HQL files sent by developers for execution. This will allow the administrators to ensure that the hive HQL files sent by our developers will not fail while implementing the change orders during the change windows.

- Implemented Ambari Views for HDFS, Hive and Tez on edge nodes.
- Configured SSL on web UI for Hue, Ambari and KNOX using SAN based certificates.
- Upgrading JDK on the cluster from jdk1.7 to jdk1.8.
- Performing regular maintenance which includes support, upgrades and weekly on call rotations

Environment: Hortonworks HDP 2.6, RedHat Enterprise Linux Server 6.10.

Client: Charter Communications, St. Louis, MO, USA   **Sep 2016 – Jun 2017**
Position: Hadoop Administrator

Charter Communications is the second largest cable operator in the United States by subscribers, just behind Comcast. The company offers their services to consumers and businesses under the branding of Charter Spectrum. They serve over 25 million customers in 41 states.

Responsibilities:

- Worked as Solutions Architect/Administrator on Cloudera 5.7.2 environment for Charter Communications Big Data IT Delivery Team.
- Architected and installed the Production and Cloudera EDH Hadoop clusters from scratch (10 nodes CDH and 5 node dedicated Kafka clusters)
- Designed the HDFS directory structure to suite business requirements.
- Configured security using: -
  - ✓ Kerberos Authentication with Active Directory
  - ✓ SSL/TLS using certificates issued by a local Certificate Authority,
  - ✓ HDFS Data at rest encryption using Cloudera Key Trustee KMS and Key Trustee Server.
  - ✓ HDFS Extended ACLs,
  - ✓ Sentry Policies.
- Performed LDAP Integration with Cloudera Manager, Navigator and Hue.
- Worked with the security teams to provide cluster access for external applications through firewall. Applications used were Oracle Database, Attunity Replicate and Java/Akka Consumer hosted on AWS.
- Implemented Kafka Disaster Recovery using Kafka Mirror Maker.
- Planned and performed periodic upgrades to the cluster.
- Added 7 new nodes to the existing DEV cluster and migrated roles as per best practices.
- Proposed and implemented naming standards for service accounts used by third party applications.
- Performed daily cluster health checks, log analysis and disc maintenance.

Environment: Cloudera CDH5.7.2, RedHat Enterprise Linux Server 6.7.

Client: Monsanto, Bangalore, India   **Sep 2013 – May 2016**
Position: Hadoop Administrator

Monsanto is a publicly traded American multinational company involved in agrochemical and agricultural biotechnology. It is a leading producer of genetically engineered seeds.

Responsibilities:

- Worked as Administrator for Monsanto's Hadoop Cluster (36 nodes).
- Tested and Benchmarked Cloudera and Hortonworks distributions for efficiency.
- Suggested and implemented best practices to optimize performance and user experience.

- Build Flume and Kafka setup to stream webserver log data into HDFS.
- Wrote Sqoop jobs to ingest Oracle data into Hive and vice-versa.
- Developed Java based tools to push semi structured txt, csv and json data into Hive.
- Planned and performed periodic upgrades to the cluster.
- Performed daily cluster health checks, log analysis and disc maintenance.
- Tuned the cluster services periodically to optimize performance.
- Wrote UNIX shell/java based tools to automate the hadoop cluster administration procedure.
- Provided support to end customers during unplanned outages.

Environment: Cloudera CDH5.5, RedHat Enterprise Linux Server 6.6.

Client: Monsanto, Bangalore, India   **Apr 2013 – Sep 2013**
Position: BO Administrator

Monsanto is a publicly traded American multinational company involved in agrochemical and agricultural biotechnology. It is a leading producer of genetically engineered seeds.

Responsibilities:

- Worked as Administrator for SAP BusinessObjects BI Platform 4.1 cluster (4 nodes).
- Performed upgrades from SAP BusinessObjects XI 3.1 to SAP BusinessObjects BI Platform 4.1.
- Implemented the web application cluster using mod_jk between Apache and Tomcat servers.
- Migrated Groups, Users, Reports and Universes from old version to new version using Upgrade Management Tool.
- Performed testing and sever performance tuning on the new environment.
- Provided support during content promotions between Dev, Test and Production environments.
- Performed server maintenance using CCM, CMC and vendor provided scripts.
- Wrote custom java code to report users' access to the critical folders within the system.
- Daily activities included server health checks and technical support to the end users.
- Worked as DBA for a locally installed Oracle 11g database.

Environment: SAP BusinessObjects 4.1, Oracle 11g, RedHat Enterprise Linux Server 6.0.

Client: Texas Instruments, Bangalore, India   **Nov 2011 – Nov 2012**
Position: Sr. BO Administrator

Texas Instruments Inc. is an American electronics company that is the third largest manufacturer of semiconductors worldwide. It is the second largest supplier of chips for cellular handsets and the largest producer of digital signal processors (DSPs) and analog semiconductors.

Responsibilities:

- Managed and supported SAP BOE 3.1 Infrastructure.
- Designed and implemented the newer SAP BusinessObjects BI Platform 4.0.
- Migrated Security, Reports, Universe and Connections to the newer environment.
- Worked with developers and other vendors to convert Desktop Intelligence into Web Intelligence Reports.
- Developed a fully automated System Health Check application using Java SDK for SAP Business Objects.
- Developed a custom Universe Documenter tool using VBA Macros and Universe Designer SDK to document all the Universes on an MS Excel file.

Environment: SAP BO 3.1, Oracle 10g, Windows Server 2008.

Client: Accenture, Bangalore, India   **Jan 2011 - Oct 2011**
Position: Sr. Software Engineer

Accenture is a multinational management consulting services company. It is the world's largest consulting firm as measured by revenues and is a Fortune Global 500 company

Responsibilities:

- Managed the SAP BO 3.1 infrastructure.
- Provided support to customers via tickets.
- Setup and manage recurring report schedules.
- Performed promotion of reports, universes and connections based on user requests.
- Managed access to users as per instructions of their team leads/managers.
- Generated weekly audit reports about usage and send to respective teams.
- Developed custom VBA macro based ETL tool to move data between MS Excel and Oracle database.
- Developed custom java code about the used security model.

Environment: SAP Business Objects XI 3.1, Oracle 10g, Windows Server 2003.

Client: Cisco, Bangalore, India   **Jul 2010 - Dec 2010**
Position: Sr. Software Engineer

Cisco is an American technology corporation that designs, manufactures and sells networking equipment worldwide. It is the largest networking company in the world.

Responsibilities:

- Worked as a Web Intelligence and Desktop Intelligence Report Developer.
- Developed new Web Intelligence reports over a Universe based off Teradata.
- Migrated older Desktop Intelligence Reports to the new system and redevelop, if necessary.
- Tested the reports on the new environment.
- Worked with the Universe Designers and DBA for SQL performance tuning.

Environment: BO XI R2, 3.1, Windows Server 2000, 2003, Oracle 10g, TeraData V2R6

Client: SAP BusinessObjects, Vancouver, Canada   **May 2006 - Jul 1010**
Position: ASME

SAP is a German multinational software corporation that makes enterprise software to manage business operations and customer relations. The company has over 293,500 customers in 190 countries.

Responsibilities:

- Worked as Associate SME and Escalation Engineer for Business Objects XI, XI R2 server support.
- Provided support for issues related to Kerberos Authentication, Windows AD, LDAP and Siteminder.
- Mentored a team of 15 Junior Software Engineers.
- Handled escalations and resolved issues with 100% customer satisfaction.
- Wrote various technical white papers and official SAP notes.

Environment: CE10, BO XI R2, SAP BO 3.1, Oracle 10g, Windows AD 2003/ADAM LDAP.

Client: Solwin Technologies, Bhopal, India   **Jun 2005 - Apr 2006**
Position: Web Developer

Solwin Technologies is web development and Services Company.

Responsibilities:

- Developed static content websites using HTML, CSS and Javascript.
- Developed dynamic content websites using server side scripting, mostly Active Server Pages.
- Designed and implemented the backend using MS Excel and MS SQL Server.

Environment: Visual Interdev 6, SQL Server 2000, MS Excess 1997, Windows 2000.

Manish S

- Brookfield, WI, USA

Contact Information

- manishsin815@gmail.com (Preferred)

- 2622998090 (Preferred)

Work History

Total Work Experience: 6 years

- **Hadoop Administrator | American Family Insurance**
  Jun 01, 2017 - No End Date | Madison WI United States

- **Hadoop Administrator | Charter Communications**
  Sep 01, 2016 - Jun 01, 2017

- **Hadoop Administrator | Monsanto**
  Sep 01, 2013 - May 01, 2016

Education

- **Masters**, No Dates Provided | University of Pune

Skills

- **cluster** | 6yrs | 2019
- **apache hadoop** | 6yrs | 2019
- **hdfs** | 6yrs | 2019
- **red hat enterprise linux** | 6yrs | 2019
- **upgrades** | 6yrs | 2019
- **unix** | 5yrs | 2019
- **apache hive** | 5yrs | 2019

- **hortonworks** | 5yrs | 2019
- **infrastructure** | 4yrs | 2019
- **scripting** | 4yrs | 2019
- **java** | 6yrs | 2017
- **oracle** | 6yrs | 2017
- **cloudera** | 3yrs | 2017
- **log analysis** | 3yrs | 2017
- **apache kafka** | 3yrs | 2017
- **apache flume** | 3yrs | 2016
- **apache sqoop** | 3yrs | 2016
- **csv** | 3yrs | 2016
- **distribution** | 3yrs | 2016
- **shell** | 3yrs | 2016
- **apache**
- **hadoop**
- **hive**
- **linux**

Work Preferences

- Likely to Switch: Most Likely
- Willing to Relocate: Yes
- Work Authorization:
  - US
- Work Documents:
  - Have H1
- Security Clearance: No
- Third Party: Yes
- Employment Type:
  - Contract - Corp-to-Corp
  - Contract to Hire - Corp-to-Corp

Profile Sources

- Dice:
  https://www.dice.com/employer/talent/profile/dae3b17362e277f4dc8c336411f6a455c1a9
  34cb