

# GAURAV MANDHYAN

B.Tech. Computer Science and Engineering

## Professional Summary

Six years of overall IT experience including three years of Development and two years of being an IT Trainer / Group Lead.

## Development Experience Summary

- Purveyor of competitive intelligence and holistic, timely analyses of Big Data made possible by the successful installation, configuration of Hadoop ecosystem components and architecture.
- Capable of processing large sets of **structured, semi-structured and unstructured data** and supporting systems application architecture.
- Very good understanding on developing **ETL pipeline for various customers** using Spark, Scala, Hive and various Big data tools.
- Extensive experience in complete **Software Development Life Cycle**.
- Hands on experience of Spark Framework including **Spark Core, SparkSQL and Spark Streaming** with Scala.
- Hands on experience of Hadoop Framework like **HDFS, YARN/MRV2, Hive, Pig, HBase, Impala, Sqoop and Hue**.
- In depth knowledge and good understanding of Hadoop daemons: **NameNode, DataNode, Secondary Name Node, Resource manager, Node Manager and High Availability**.
- Hands on experience in **CentOS and Ubuntu**.
- Provided support to development team in **trouble shooting and performance tuning**.
- Good knowledge on **shell scripting**. Worked with Big Data distribution: **Cloudera**.
- Experience in the **Banking and Financial Services** domain.
- Able to craft complex shell scripts in order to develop automation of **manual code review**..
- Responsible for providing **Technical Standards and Compliance approval or rejection** to the application being on boarded onto the Client's Hadoop production platform.
- Co-ordinated with on-shore team and cross-functional team to ensure that applications are properly tested, configured and deployed.
- Involved in **Agile Scrum** methodology that leverages the Client big data platform and used version control tool **SVN**.

## IT Trainer Experience Summary

- Experience in management, handling and training of large groups of students and professionals as a part of daily routine.
- Involved in mentoring other Trainers to ensure optimum training standards for the organization.
- Co-ordinated with company owner and other stakeholders for discussions related to hiring team members, digital marketing and advertising and placement of trainees.
- Technologies covered throughout the years: **Big Data and Analytics, Python with Data Exploration and Machine Learning, MATLAB, Shell Scripting, Core and Advance Java with Spring and Hibernate, HTML, CSS, JavaScript, JQuery, AngularJS, NodeJS, Android, DevOps**.

## Career Objective

To work for continual progress and accuracy in diverse job responsibilities through continuous work and persistence. Seeking to utilize four years of IT experience in next challenging and rewarding position in customer focused IT, Finance or software organization.

## **Technical Skills Summary**

- **BigDataEcosystems:** Hadoop(CDH5.8.X), MapReduce, HDFS, HBase, Hive, Apache Pig, Sqoop, Spark with Scala, UNIX Shell
- **Programming Languages:** C, C++, Core Java, Python, Scala
- **Scripting Languages:** Bash, JS
- **Databases:** Oracle, SQL Server, MySQL
- **Tools:** Eclipse, NetBeans, PyCharm, Android Studio

## **Professional Experience**

### **Technical Head / Group Lead**

NIIT Limited, Lucknow  
May 2018 to Current

#### **Responsibilities:**

- Involved in managing both the Technical and Accounts team at three centers.
- Assigning work schedules, reviewing classroom training sessions, upskilling technical mentors, coordinating with higher management to promote education level across centers.
- Providing placement related guidance, conducting technical refresher, personality development skills and mock interview sessions for eligible candidates.
- Switching among different technologies, upskilling self and imparting the same to provide an edge to both the Company and the students.

### **Technical Mentor / IT Trainer**

NIIT Limited, Lucknow  
Dec 2015 to May 2018

#### **Responsibilities:**

- Involved in delivering content and project based training to enrolled graduate and undergraduate students as well as professionals.  
/; Leading a team of Tech Mentors at one center, providing guidance, subject matter training, soft skills enhancement and presentation techniques as a part of the process.
- Conducting seminars, technical conferences, 'Tech-clinics' and Knowledge Transition sessions for technical team.

### **Big Data Engineer**

Tata Consultancy Services, Noida  
Nov 2016 to Nov 2017

- **Domain:** Payment and Transactions
- **Role:** Software Developer

#### **Responsibilities:**

- Extensive experience in analyzing data using Hive QL and changing it according to the format required in Data Lake.
- Developing ETL pipeline to transfer the daily transaction data to a Common Data Model and finally exporting to required database servers (e.g. Teradata), coming from various subsidiaries of client (PayPal).
- Automate all the repetitive tasks using Python

or Bash. Managed data coming from different sources and involved in HDFS maintenance and loading of structured and unstructured data.

## **Hadoop Developer**

Tata Consultancy Services, Noida

Feb 2015 to Oct 2015

- **Line of Business:** Hadoop as a Service
- **Domain:** Banking and Financial Services
- **Role:** Developer

### **Responsibilities:**

- Worked on Hadoop migration of ETL projects extensively thereby utilizing the HaaS platform for data warehousing.
- Worked on Cloudera Hadoop Distribution (CDH 5.8.3) platform to perform Hadoop operations.
- Developed Simple to complex Map/reduce Jobs.
- Developed Hive tables to store the processed results in a tabular format and performed transformations to make data suitable for loading into the Data Warehouse.
- Implemented external tables and dynamic partitions using Hive.
- Extensive knowledge on PIG scripts using bags and tuples.
- Involved in gathering the requirements, designing, development and testing.
- Worked on Hue interface for querying the data.
- Exported analyzed data to relational databases using Sqoop for visualization to generate reports for the BI Team.

### **Professional Awards & Accomplishments**

- Won Award for automating the manual tasks, saving the manual effort and improving efficiency of the team.
- Delivery Excellence certificate awarded for successfully reviewing 40+ applications to be onboarded onto the HaaS platform.
- Had won Star Performer award and received TCS GEMS on countless occasions.
- 'Star of the Month' Award for implementing automation scripts that save a lot of time and help completing task within SLA.
- TCS 'On the Spot' Award for implementing business requirements in short timespan.
- Knowledge base creation for internal training, for various Hadoop tools and concepts.
- Awarded 'Trainer of the year' and ranked first in Technical Group Discussion and Conference at NIIT Lucknow.

### **Functional Skill Set**

- End to end responsible for the work items assigned.
- Cooperating and communicating with other team members for efficient work management.
- Solid analytical and troubleshooting skills. Ability to work in tight schedules and on different applications concurrently.
- Excellent in communication, presentation and interpersonal skills.

### **Personal Details**

- DOB: 30th June, 1992
- Gender: Male
- Nationality: Indian
- Marital Status: Single
- Designation: System Engineer
- Location: Noida

## **Education**

- **B.Tech. in Computer Science and Engineering**  
Amity University, Lucknow, U.P.  
June 2009 to June 2014
- **High School & Intermediate**  
Stella Maris Inter College, Lucknow, U.P.