

## **SUMMARY**

Senior Big Data Engineer with 5 years of experience in serving IT solutions to leading organizations in the world. I am proficient in building and managing data pipelines, finding meanings in data and proposing data & analytics solutions to businesses.

## **EMPLOYMENT**

### **Accenture**

*Software Engineering Sr. Analyst*

*(December, 2014 – Present)*

*Software Engineering Analyst*

*(September, 2012 – December, 2014)*

*Software Engineering Associate*

*(June, 2011 – September, 2012)*

## **MAJOR PROJECTS**

### **Enterprise Data Lake (Client: leading European insurance provider)**

*Scope: Data Migration from traditional RDBMS to HDFS and ensuring availability of data to business users.*

- Extract data from various MySQL tables and importing on HDFS using Sqoop using parquet format and snappy compression base.
- Process the data from CSV.
- Perform data cleansing, create hive external tables and querying them on impala.
- Analytics on data using various impala queries on Hue.
- Writing python scripts to automate the data migration.
- Key technologies: Sqoop, Hive, Impala, Hue

### **Marketing Campaign Efficiency – Sentiment Analysis (Client: leading US supermarket)**

*Scope: To monitor efficiency of various marketing campaigns among social media user bases at various time.*

- Present visualized results to business to form product marketing strategy.
- Real-time streaming of data and saving into HDFS system.
- Data cleansing and formatting into hive tables.
- Visualizing the data using apache SOLR and presenting the results to business.
- Key technologies: Flume, Hive, Impala, SOLR, Hue

### **Log Analysis (client: leading European insurance provider)**

*Scope: To join data logs from 3 sources and find user access patterns*

- Import logs to Hadoop and perform data cleansing and merging.
- Used Spark Unified stack to identify data patterns in the logs and present the data to business.
- Key Technologies: Sqoop, Flume, Hive, Spark, Spark-SQL

### **Proof of Concept for Big Data offerings (client: Internal)**

*Scope: Building PoC Applications (Proof of Concept) for Big Data Analytics*

- Identifying various tools and technologies available in market for analytics implementations
- Prepared user materials for trade-offs between various technologies and their maturity level.
- Created PoCs to implement queries about Big Data product in the market
- Key Technologies: MS office suite, infographics, Big Data stack, Journals (e.g. Gartner, HBR)

## MindTree Ltd

Intern

(Jan, 2011 – May, 2011)

### Project – Guidance Tool

*Scope: Guidance Tool to monitor KPIs (Key Performance Indicators) at various management levels*

- Built from scratch a tool which provides dashboards to track and manage KPIs of projects at various levels of management.
- Guidance Tool provided pertinent views to all the stake holders thus identifying areas which require interventions and track the progress of such actions.

## LANGUAGES AND TECHNOLOGIES

Big Data:	Hadoop, Sqoop, Flume, Hive, Impala, Spark, SOLR, Pig
Databases (SQL & NoSQL):	Cassandra, MongoDB, IBM DB2, MySQL
Operating System:	Linux, Windows, z/OS
Languages:	Core Java, Python. Also know: Scala, R
Tools & IDEs:	Eclipse, PyCharm, Hue, Also Know: Adobe Marketing Cloud.

## EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar.

*Masters of Science (Information and Communication Technology) – 9.2/10.0 CGPA*

Birla Institute of Technology, Mesra.

*Bachelors of Computer Applications – 8.5/10.0 CGPA*

## CERTIFICATIONS AND COURSES

- Certified Application Developer – *Massachusetts Institute of Tech., USA in collaboration with Accenture*
- M101P – MongoDB Developer – *MongoDB University* (Scored in top 10% globally)
- Certified Database Associate – *IBM*
- Microsoft Certified Programmer – *Microsoft Corp.*
- Certified Insurance Generalist – *Accenture*
- Certified Scrum Trained Professional – *Accenture*

## ADDITIONAL EXPERIENCE AND AWARDS

- AASEGP – Accenture initiative where I mentor, coach and connect with 1000+ new joiners and college grads every year. (awarded Top mentor in Accenture India)
- Winner of Accenture's highest award 'Accenture Celebrates Excellence', for Innovation
- Certificate of Commendation from Global CTO of a major client for Innovation and Excellence.
- Winner of Accenture Greenfield Topper Award
- Member of Annual Fest Team in college – raised sponsorships and organized event with INR 1 Million budget
- Authoring articles and white papers on technology trends and disruptions.
- Created and delivered trainings to improve technology and business skills.