

Resume

Satyandra Kumar

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Executive Summary

- **Experience of over 13 years in IT and worked in Big data and Data ware housing (ETL, Analytics) and cloud computing**
- **Experienced in architecting cloud environments for Big data platforms**
- **Worked in architecture of Big data platforms, Data governance, Data stewards, Data security**
- **Experienced in AWS and Azure**
- **Worked in securities and security protocols like OAuth 2.0, open ID Connect and SAML**
- **Worked in which Hadoop, Hive, Hdfs, Spark streaming**
- **Worked with spark streaming integrated with kafka**
- **Worked with solution ETL and BI Analytics for Big data**
- **Certified AWS solution architect professional**
- **Worked with AWS services like lambda, Athena, glue, EMR, Redshift (ETL)**
- **Experienced in building pipelines for Analytics with spark streams, python and Airflow workflows**

Education

- Executive MBA in finance from Andhra university
- BE in electronics and instrumentation from Berhampur university

Skills

- **Distributed Processing:** Cloudera
- **Streaming :** Spark
- **Cloud Computing:** AWS ,GCP
- **Tools:** Informatica, oracle
- **Languages:** Python

Employment History

- Working In Wipro From Jul 2019 to dec 2019 As Architect
- Worked in Ingrain technologies Pvt Ltd from September 2016 to Jun 2019
- Worked in **Tiraion software** technologies from January 2012 to August 2016
- Worked in Techmahindra from April 2008 to Nov 2011
- Worked in Bhilwara infotech from January 2007 to October 2007

Projects

Wipro Technologies

From Jul 2019 to till Dec 2019

Role: Architect

Responsibilities:

- **Worked on the securities like OAuth 2.0, open ID Connect and SAML**
- **Worked on the design of Cloud services**
- **Worked on cloud formation**

Company: Ingrain technologies

Project: Saudi Aramaco

Duration: July 2016 – Jun 2019

Role:Architect

Technology: Spark streaming, python, Hive, HBase, Hdfs, Spark

Role: Lead& Architect

Responsibilities:

- Design and develop high performance, robust and secure solutions based on Horton Works ecosystems
- Assess EMR-related knowledge across AWS sales, solutions architecture and business development teams and develop plans to address gaps
- Provide expertise on batch & stream analytics with HDFS, Kafka, Spark and Hortonworks stack
- Stay current with emerging tools and technologies and recommend adoption that will provide competitive advantage and development/delivery efficiencies
- Develop technical presentations & proposals, & perform customer presentations
- Evaluate new technologies, execute proof-of-concepts and develop specialized algorithms

- Created Hive queries that helped market analysts spot emerging trends by comparing fresh data with EDW reference tables and historical metrics.
- Provided design recommendations and thought leadership to sponsors/stakeholders that improved review processes and resolved technical problems.

Company: Tiraion software-----Jan 2012 to July 2016

Client: Johnson and Johnson

Duration: December 2014 to July 2016

Responsibilities:

- Worked in Ingesting data to hdfs from sqoop
- Created and validated the mapping of schema
- Prepared the design documents for development activities
- Developed Use cases for User ETL pipelines through Pig, for filtering of data with required business input and Used UDF for calculating
- Done the performance tuning in pig
- Executed pig scripts in HDFS and done with optimisation
- Implemented optimisations in hive with large data clusters

Duration: January 2012 to Dec 2014

Responsibilities

- Worked in production support in informatica and oracle
- Responsibilities include day to day activities of production system
- Health check and post production activities
- Worked in performance tuning

Company: **Tech Mahindra**

Project: Andes Data migration

Role: Business analyst

Duration: Mar 2008 to Nov 2011

Project description:

Andes is subsidiary of BT, the objective is to transform the Non Siebel system to Siebel by migrating the data and closing systems, as part of that , the two phases of the project are transition and transformation Initially transition of the system or study of non-Siebel systems has been performed later they will be transformed.

Responsibilities:

- Worked as business analyst in transition phase, by preparing impact analysis document of the system
- Worked in Data profiling using excel and informatica
- Worked in giving workshop for Stake holders as well as internally of the feasibility of system
- Worked in preparing Business requirement documents, with scenarios
- Worked technically in preparing Proof of concept for customer in loading data at the transformation, and done the testing as well

Company: **Bhilwara Infotech**

Client: Techmahindra

Project: One view

Role Technical consultant

Duration: Jan 2007 to Oct 2007

Project description:

One view deals with British Telecom Retail Customers. The Key businesses supported are Fulfilment, Assurance, Bids, Opportunity, Sales and Marketing. Fulfilment is the Operational support system process that ensures that customers are provided their requested services in a timely and correct manner. It informs the customers about the status of their purchase order and ensures order completion on time. The project deals with Performance analysis of Siebel applications and improvement of its performance.

Roles and Responsibilities:

- Work with various layers including presentation, business and physical layers
- Involve in data modelling through the use of star schema and dimensional modelling
- Present analytics, reports and dashboards in templates
- Identify loading issues and failures to optimize and provide remedial measures
- Perform testing sessions for reports and dashboards