

RAJAT PALIWAL

Data Engineer

SUMMARY

Having 7+ Years of professional work experience in Telecom/IT industry with 2.5 years experience in Big Data & Hadoop. Strong knowledge of the Hadoop ecosystem and its core frameworks. Experience in creating spark jobs for batch processing of data using Hadoop, Apache Spark Core, Spark SQL & Data Frames. Knowledge of data pipelines using Spark Streaming and Kafka. Created dashboards and rich Graphic Visualizations with Drill Down and Drop down menu option and Parameters using Tableau.

PROFESSIONAL EXPERIENCE

Data Engineer Jan '19 - Present

Ericsson India Global Services Pvt. Ltd Noida, IN

Responsibilities:

- Data acquisition from internal/external data sources
- Developing Spark scripts using Python as per clients requirements.
- Developing Spark jobs to parse CSV, Text, JSON, Parquet.
- Developed multiple MapReduce jobs in Spark using Python(PySpark) for data cleaning and processing.
- Performed transformations and actions on Spark DataFrame to get the desired result .
- Experience in building Data-pipe lines using Big Data Technologies.
- Importing and exporting data using Sqoop from HDFS to Relational Database Systems (RDBMS) and from RDBMS to HDFS.
- Hands-on experience working with Amazon Web Services like S3, EC2, RDS, VPC, EMR.
- Responsible for creating Spark jobs to clean and manipulate the data for Advanced Analytics.
- Created dashboards and rich Graphic Visualizations with Drill Down and Drop down menu option and Parameters using Tableau.

Network Engineer Sep '15 - Dec '18

Ericsson India Global Services Pvt. Ltd Bengaluru, IN

Responsibilities:

- Provide leadership to Huawei refresh special project and delivering Co-Tran sites activation with in SLA.
- Preparing and Analyzing network KPI's on daily basis.
- Prepared daily network dashboards in Tableau to show outage impact for customers.
- Responsible for planning and updating transmission path (on Ericsson proprietary tools) of new site activations with the coordination of ETL UK transmission planners.
- KLM provisioning on Marconi OMS 1664 – MV36 EMS of 2G legacy sites under Huawei refresh project.
- Implementation of IP configuration to the Network elements as per the planning.
- Liaised with different lease line vendors like British Telecom and Virgin Media for network media delivery/testing/fault resolution.
- Troubleshooting at CX600 Router & ATN910B for different Services.
- Ensuring that all the relevant tasks are completed with highest Quality Standards and “First Time Right”.

CONTACT

☎ +91 9555097963

✉ r.paliwal89@gmail.com

📍 Vasundhara, Ghaziabad, IN

KEY SKILLS

- **Big Data Analytics**
- **ETL**
- **Data Analysis**
- **Stakeholder Management**
- **Data Wrangling**
- **Hadoop Stack**
- **Python Scripting**
- **Cloud Computing**
- **Data Visualization**
- **Leadership & Team Management**

TECHNICAL SKILLS

- **Big Data & Hadoop:** HDFS, Yarn, Sqoop, Spark, Spark SQL, Spark Dataframe
- **Languages:** Python
- **Software/Tools:** Cloudera Manager
- **Cloud:** AWS Cloud and Services(EC2, IAM, RDS, EBS, S3, Amazon VPC, Route53, ELB, EMR)
- **Database:** MySQL
- **Reporting & Visualization:** Tableau

Achievements

- As per business requirement, successfully created 'Artefacts Catcher' GUI tool using Python for Network Team, which saves 5 minutes per activity per user per day.
- Earned 3 SPOT Awards, 2 POWER Awards

Network Executive

Videocon Telecommunication Ltd.

Dec '13 - Aug '15

Haryana, IN

- Responsibilities:
- Operation & Maintenance of Haryana GSM Sites.
 - Prepare, Maintain and Analyze all Network Outage KPI Report (Daily/Monthly).
 - Responsible for Live Migrations of sites from one vendor to another.
 - Installation and Commissioning of SDH Equipment's of different capacity STM-1, STM-4, STM-16, STM-64 (Huawei/Fibcom/ECI).
 - Backend Provisioning of new sites & Bandwidth up gradation of Ethernet, GB link services & migration of traffic.
 - Coordinate with other service provider to resolve the transmission/technical interconnect faults.

EDUCATION	
Bachelor of Technology in Electronics & Communication	Aug '07 - Jul '11
G.L.A.I.T.M, GBTU	Mathura, IN
Secured 63%	
Intermediate	Jun '06 - Jul '07
D.T.E.A Senior Secondary School, CBSE	New Delhi, IN
• Secured 73.5% (77% in PCM)	
High School	Jun '04 - Jul '05
Navyug School, CBSE	New Delhi, IN
• Secured 69.5%	

Hobbies & Interest

Photography

I enjoy to capture frames with a story.