Anand Nautiyal

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Technology oriented Data Engineer with 4+ years of industry experience in Big Data Technologies. Expertise in Apache Spark, HDFS environment and ETL processes. Good exposure to technical and analytical skills.

Work Experience

Spineor Web Services Pvt. Ltd.   **Mohali, Punjab, India**
Data Scientist   *April 2017 - Present*

Projects

Auto Parts Catalogue (Big Data Processing)
- Worked as Spark developer
- Created an Auto Parts catalogue from various data sources.
- Worked on HDFS environment
- Developed ETL pipelines
- Created Solr cores
- data analysis

Technologies used : Apache Spark, Python, Solr

Data feed and sitemaps
- Constructed Google and Bing feeds
- Used Content API for batch processing
- handled CRUD operations on Google merchant center
- Created Sitemaps

Technologies used : Apache Spark, Java

A clustering approach to analyse auto parts sales
- made a DBSCAN Clustering paradigm
- Analysed sales data
- used Euclidean distance norm

Technologies used : Java, Apache Spark

A text processing API
- Constructed a text processing API in Python using PySpark and Flask
- Loaded data into MySql
- Text processing like tokenization, stemming, stop words removal using PySpark
- results of the transformations were returned to the front-end UI

Technologies used : Python, PySpark, Flask

Technical and Personal skills

- Programming Languages : Scala, Python
- AWS EMR Cluster, AWS S3
- Framework : Apache Spark
- Databases : MySql, Solr, Cassandra
- Industry Software Toolset : Zeppelin, Jupyter, IntelliJ
- Thorough research and solution finding
- Good communication skills
- Self-motivated

Education

Academic Qualifications

- **University of Hyderabad**   **Hyderabad, Telangana, India**
  M. Tech in Artificial Intelligence, CGPA - 7.59/10,   *2014–2016*
- **Graphic Era University**   **Dehradun, Uttarakhand, India**
  B. Tech in Computer Science & Engineering, 72.7 %,   *2009–2013*
- **Omkarananda Saraswati Nilayam School**   **Rishikesh, Uttarakhand, India**
  Intermediate, 71.33 %,   *March, 2009*
- **Omkarananda Saraswati Nilayam School**   **Rishikesh, Uttarakhand, India**
  High School, 88.14 %,   *March, 2007*

Languages

- **Hindi** *Full Professional Proficiency*
- **English** *Full Professional Proficiency*

Links

- LinkedIn : https://www.linkedin.com/in/anand-nautiyal