Amit Sharma

Data Engineer

Professional Data Engineer with 5+ years of industry experience including around 4+ years of experience in Big Data technologies.

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WORK EXPERIENCE

Data Scientist
Spineor Webservices Pvt. Ltd.

02/2017 - Present   *Mohali, India*
Achievements/Tasks

- Created an Auto Parts catalogue from raw semi-structured data. It involved ETL process using Apache Spark and Scala to clean and preprocess data so that it be prepared for analysis. Technologies used: Apache Spark, Python, Scala.
- Created Google and Bing data feeds and their corresponding sitemaps for the auto parts sale. Also handled the Google Content API which involved the updation, modification, addition and deletion of the millions of auto parts products using batch processes.
- Established a clustering paradigm to boost the auto parts products sale based on their spatial co-ordinates. The Euclidean distance was used as the distance norm for DBSCAN. The arbitrary clusters thus formed presented a well-defined division of sales in order to analyze the sale pattern of autoparts in various regions.
- Created backend for building automation system which consists of various APIs including management, real time streams and query engine(using websockets). The management api data is stored in mongodb using reactivemongo driver. The stream comes from IOT devices which are dumped into Kafka and then stored into elasticsearch using kafka connect api.

CERTIFICATES

Microsoft Certified Professional

IBM DB2 Academic Associate

EDUCATION

B.Tech. (Computer Science & Engineering)
Kurukshetra University, Kurukshetra

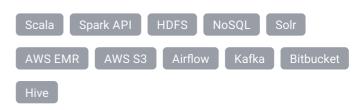*07/2012 - 05/2016*   *Kurukshetra, India*

Class XII - HBSE
S.M.B. Gita Senior Secondary School

04/2005 - 06/2012   *Kurukshetra, India*

SKILLS

Scala   Spark API   HDFS   NoSQL   Solr

AWS EMR   AWS S3   Airflow   Kafka   Bitbucket

Hive

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Big Data   Cricket   Fitness