

VIKAS SINGH

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PROFESSIONAL OBJECTIVE

Having an overall 5+ year's rich experience in various positions for leading, designing, developing and implementing IT solutions for domestic & international clients. Working as a BigData/Hadoop Developer, Software Engineer, Software Developer, Web Developer and developed solution using various open source technologies - Hadoop, Map Reduce, Hive, Pig, Hbase, Sqoop, Flume, Oracle, MySQL, Core Java, PHP, HTML, CSS etc. providing scalable solutions to derive intelligence from large and diverse data sources. I am currently looking for a Data Analytics position with a reputed firm, with an opportunity to refine my skills and knowledge to contribute to company goals.

WORK EXPERIENCE

Hadoop Developer

SpectraLogics Indore - June 2015 to till present

Project: Web VDA - Big Data [Web Visitor Data Analytics Using Big Data]

Environment: Hadoop, MapReduce, Pig, Hive, Sqoop, Flume, MySQL etc.

Role: Hadoop Developer

Project Description: Objective of the project is to develop Web VDA platform using Big Data Technology to acquire new customers & retain their existing customers. This project involves analyzing log data of the web visitors coming from web server. Huge log data is first downloaded & ingested into HDFS - Hadoop Distributed File System using Apache Flume utility. After ingesting, data will be cleaned and transformed using Apache Pig/Hive utilities. Cleansed structured data is then transferred to a relational database storage system where it can be further reused for reporting.

Responsibilities:

- Define solution architecture.
- Evaluate and identify technology stack for given functional/non-functional requirements.
- Design and develop databases, processing pipelines and algorithms to derive actionable intelligence.
- Downloaded huge log data & ingested into HDFS using Apache Flume utility for further processing.
- Written the Apache Pig scripts to process the HDFS data.
- Created Hive tables to store the processed results in a tabular format.
- Interaction between Hive and MySQL Database through Sqoop.
- Written script files for processing data.
- CLI commands using HDFS.

Project: E-commerce Cross-Selling Opportunities

Environment: Hadoop, HDFS, Flume, Pig etc.

Role: Hadoop Developer

Project Description: To identify cross selling opportunities for an ecommerce site. Analysis had to be performed on the given dataset in order to find out product recommendations to an existing user depending on the related products he/she visited earlier.

Responsibilities:

- Downloaded given dataset & ingested into HDFS using Apache Flume utility in order to remove junk data for further processing.
- Written the Apache Pig scripts for data ingestion and analysis.
- CLI commands using HDFS.

Project: Analyze mobile connectivity report for the UK market.

Environment: Hadoop, HDFS, Flume, Pig, Hive, Sqoop, MySQL

Role: Hadoop Developer

Project Description: Objective of the project is to analyze data and generate report using Big Data technology for a client who wants to launch 3G devices in regions where their penetration is low. Based on data needs to identify the regions with the maximum percentage of non-reliable 3G signal, both on premise and geographic (off premise) and the average data usage/month/premise for the regions.

Responsibilities:

- Downloaded data & ingested into HDFS using Apache Flume utility for further processing.
- Written the Apache PIG scripts to process the HDFS data.
- Created Hive tables to store the processed results in a tabular format.
- Interaction between Hive and MySQL Database through Sqoop.
- Written script files for processing data.
- CLI commands using HDFS.

Software Engineer

SpectraLogics - Indore - June 2013 to May 2015

Role & Responsibilities:

- Develop SEO strategies for clients based on keyword research, competitive analysis, current rankings, and other factors that contribute to developing a successful SEO, SEM, SMM campaign.
- Create a long-term e-marketing strategy for the client's business and improve their ROI eventually.
- Generating leads, sales and relative traffic through online.
- Google analytics & webmaster tool.
- On-Page and Off-Page optimization.
- Researching and recommending the web design as per the market trend.
- Experience of interacting with the client & understanding requirements.
- Wordpress theme and plug-in customization.

Software Developer

New Tech Fusion Cybertech Pvt. Ltd. Indore - Nov 2010 to May 2013

Role & Responsibilities:

- Developing websites from PSD to responsive website (HTML).
- Designing responsive layout using HTML & CSS based UI designing & developing.
- Updating and maintenance of existing websites.
- Develop static & dynamic website.
- Customized templates or modifying existing templates.
- Responsive website design, website renovation, wordpress site design, wordpress theme customization, website annual maintenance, ethical search engine optimization (SEO), web design and wordpress training.

Skills Set:

Hadoop Technologies: HDFS, Pig, Hive, Sqoop, Flume, Oozie

Relational Databases: Oracle, MySQL

NoSQL: Hbase

Languages: R Language, Core -Java, SQL, PHP

Operating System: Windows, Linux

Basic working knowledge about Hortonworks HDP

EDUCATION

- HCL Certified Engineer
HCL Career Development Centre Indore (MP) 2013
- Bachelor of Computer Application
TATA Institute of Technology Sidhi (MP) 2009

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.