Deep Dave

E-mail: deep.dave04@gmail.com

Phone : +91 9033944847

Interests

I am interested in the field of Big Data, Artificial Intelligence, Machine learning, and the Internet of Things.
My skills are Python, PostgreSQL, MongoDB, AWS, and Jenkins. I can give insights about the data using Numpy, Pandas, Scikit-Learn, Matplotlib, Keras, and Tensorflow. Currently, I have been working on different Machine Learning and Deep Learning algorithms.

Technical Skills

Programing languages: Python, PL/SQL, R, HTML, CSS, JavaScript

Database: MySQL,PostgreSQL, SQLite, MongoDB, Apache HBase, Cassandra, Redis

Cloud services: AWS, Microsoft Azure, Google Cloud Platform

IDE Tools and Platforms: Microsoft Visual Studio, Eclipse, NetBeans, PyCharm, Jupyter Notebook, Hadoop, Apache Spark

Experiences

1) **LivNSense Technologies Pvt Ltd, Bangalore, Karnataka - Software Engineer**

   May 2020 - November 2020

   - Working on furnace performance tracker algorithms and unit testing

   Programming languages, Databases, Tools: Python, PostgreSQL, Cassandra, AWS, Pycharm, Spyder, Git, Jenkins

2) **Dasceq, Bangalore, Karnataka – Data Engineering Intern**

 August 2019 – November 2019

Title: ETL process and Quality Checks of the ETL process

Abstract: Working the team to extract the data from the data source and using the python script creates the table schema, load the data to the staging table and map the fields with the appropriate standard table.
Performed data cleaning before loading to the standard table and Quality checks like data ingestion, data profiling to check null values, duplicate values, missing values, count number of records of staging and standard tables, mean and median of values, and unit testing of ETL and QC codes.
I also worked on creating the Jenkins pipeline and wrote a shell script to automate the ETL and parallelize the Quality Check process.

Programming languages, Databases, Tools: Python, Shell Script,
MySQL, MongoDB, Spyder, PyCharm, Jupyter Notebook, AWS EC2, RDS and S3 bucket, Jenkins, Git Bash, BitBucket

3) **Aficionado Technologies, Bangalore, Karnataka – Machine Learning course**

 May 2019 – July 2019

 Title: Python with Machine Learning

 Abstract: To learn and implement the Machine Learning and Deep Learning algorithms like Linear Regression, Logistic Regression, Support Vector Machine, Decision Trees, Random Forests, K-Means Clustering, K-Nearest Neighbor,

Apriori, Naive Bayes, Ensemble methods, Artificial Neural Network, Natural Language Processing, Text classification, and Image processing.

 Programming languages, Databases, Tools: Python, MySQL, MongoDB, PyCharm, Jupyter Notebook, AWS

4) **Networth Corp, Bangalore, Karnataka – Business Analyst Intern**

 December 2018 – February 2019

 Title: Process optimization and cost reduction

Abstract: The role is responsible for working with the team to research and prepare use cases for process optimization and cost reduction of the manufacturing process. And hands-on experience with writing queries on SQL and NoSQL databases and configuring AWS and Azure cloud services to handle big data.

 Programming languages, Databases, Tools: Python, MySQL, PostgreSQL, HiveQL, Jupyter Notebook, AWS EC2, Azure HDInsight

5) **Fusion Informatics, Ahmedabad, Gujarat – Data Science Intern**

January 2018 – April 2018

Title: ETL Process

Abstract: Working with the team to handle Extraction, Transformation, and Loading processes. Extraction: It consists of the retrieval of unstructured data from various data source. Transformation: It consists of the development of cleaning functions and validations using regular expressions. Loading: It consists of loading the cleaned data and create the data source to display requested and KPI-based data on the dashboard in form of graphs and charts.

Programming languages, Databases, Tools: Python, MySQL, MongoDB, Django, Jupyter Notebook, Jenkins, AWS

Education

B.Sc. (CA & IT)   June 2013 — May 2016
CGPA: 8.22, 76.65%

Department of Computer Science, Krantiguru Shyamji Krishna Verma Kachchh University(KSKVKU), Bhuj, Kachchh, Gujarat

M.Sc. (CA & IT)   June 2016 — May 2018
CGPA: 8.07, 74.70%

Department of Computer Science, Krantiguru Shyamji Krishna Verma Kachchh University(KSKVKU), Bhuj, Kachchh, Gujarat

Personal Details

Name: Deep Haresh Dave

Address: BTM 2nd Stage, Bengaluru, Karnataka

Date of Birth: 4th June 1994

Marital status: Unmarried

Nationality: Indian

Languages known: Gujarati, Hindi, English