

Prithviraj Purushottam Naik

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SUMMARY

Worked as Senior Systems Engineer in a service based company with demonstrated experience in Big data and machine technology. Having good programming and problem solving skills with keen interest in research domain.

EDUCATION

Canara Engineering College

Bachelor of Engineering - Computer Science and Engineering; Percentage: 72.81

Mangalore, India

2014-2018

WORK EXPERIENCE

Infosys Limited

Senior Systems Engineer- Big Data Application Development

Mysore, India

2018-2020

- Developed Framework for generating DDS files in the form of CSV using Python, Unix shell Scripting and Pyspark.
- Developed Framework for Auditing the whole process from the data ingestion (creating partitions) in Hive tables by creation of XML and storing the information in MySQL database using Python, Unix shell scripting.
- Involved in deployment, testing, maintenance of the code base and creating UT documents.
- Involved in the requirement gathering and Analysis part, validating the zone, database, table, attribute details and deciding the join condition and setting up business rules.
- Involved in Data Engineering, Initial data profiling done using Informatica BDM.

TECHNICAL SKILLS

- **Languages :** Python, Java, C.
- **Frameworks :** Hive, Pyspark, Scikit, Keras.
- **Tools :** MariaDB, MySQL, Sybase, Git, SVN
- **Platforms :** Windows, Linux, IBM Cloud, GCP

PROJECTS

- **Data delivery Framework - Application:** Generates CSV files based on views created from multiple table data and log the information in MySQL tables for specific clients.
Tech: Python, Pyspark, Hive, HDFS, MariaDB.
- **Audit Framework - Application:** Generates XML files for triggering Informatica BDM jobs for data ingestion and log the information in MySQL tables from specific clients.
Tech: Python, Shell Scripting, MySQL.

RESEARCH INTERESTS

- Convolutional neural network
- Generative adversarial network
- Recurrent neural network

CERTIFICATION

- **Coursera: Machine learning with Python (Offered by IBM)**
The course dives in understanding concepts and creating models of Machine learning using regression, classification and clustering using numpy, pandas, sci-kit learn, matplotlib
- **ETLHive: Data science training in R and Python**
The course dives in understanding basic concepts of Data Science in R and Python using machine learning algorithm types such as regression, classification and clustering.

LANGUAGES

- English
- Kannada
- Konkani
- Hindi