PRASAD PATHAK

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Career Objective

To pursue a career with a growing company to further develop my skills and utilize my knowledge continuing my personal and professional growth.

Summary

* 2+ year of experience as a Senior System Engineer.
* Hands-on experience with machine learning, data mining with large datasets of structured and unstructured data, data validation, and data visualization.
* Experienced in writing SQL queries, sub queries, views, procedures and Data visualization with Tableau.
* Working knowledge of NLP, Deep Learning, ANN, Reinforcement learning and Auto Encoders, YOLO.

Technical Skills

Programming & Scripting Languages: R, Python, Spark, Scala

Database: My-SQL, Mongo DB, PL-SQL, Postgres

Libraries: Scikit-Learn, TensorFlow, Py-torch, NumPy, Pandas, Matplotlib

Visualization: Tableau, Jupyter Notebook, MS Excel

Work experience

Senior Systems Engineer, Infosys, Pune, Nov 2020 – Present

Project 1: Regulatory Development Tracking (UBS limited)

* Machine Learning model development with python FAST API and Data base Integration with model.
* Data extraction and data analysis for the required data metrics were automated.
* Designing, implementing, and managing the SQL analytical database environment for reporting.
* Database manipulation in Sybase, Postgres SQL, PLSQL and MySQL.
* Data migration between ORACLE and POSTGRESQL using Informatica with all necessary ETL of the data
* Worked on Relational Database for Data driven application.

Project 2: Development of Human Service (DHS Australia Government)

* Developed Data APIs using NodeJS and Express.

Data science (Internship), The Sparks Foundation, Nashik

* I worked on data cleaning and reshaping, generating segmented subsets with NumPy and Pandas.
* Data analysis reports were generated using Matplotlib and Tableau, and the results were successfully delivered and presented.

Education

* Bachelors in Mechanical engineering at Savitribai Phule, Pune University, 2020.
* Diploma in Mechanical Engineering at Maharashtra State Board of Technical Education, 2017.

Projects

* Image recognition using Deep Neural Network and CNN.
* Sentiment Analysis and Text Analysis (NLP) with Scikit Learn, RNN and Transformers.
* Object Detection in **Computer Vision**, by leveraging Machine Learning and Deep Learning.

Certification

* IBM Certified Data Science and Machine Learning course from Star Agile Institute (Bangalore).
* Professional Data Scientist certificate and AI Certified Badge from Infosys