Prafull Pathe

Software Engineer

porfolio | github | li-prafullpathe | prafullpathe@gmail.com | +91-7697732227

Experience

FORD MOTOR COMPANY | DataPower Administrator

oct 2021 – Current

- Extensively worked with DataPower Gateway and various gateway technologies including APIC, Apigee, and APIM.
- Worked on DataPower migration projects to Virtual DataPower using Container as a Service (CaaS) approach..
- Proficient in handling tickets and providing configuration support for DataPower.
- Currently working on creating a bot for DataPower team use, leveraging AI technologies to automate tasks and improve efficiency.

Projects

DATAPOWER MIGRATION TO VIRTUAL DATAPOWER USING CAAS | CaaS, OPENSHIFT, KUBENETES, GITHUB

2021-current

- migration project to transition DataPower Gateway to Virtual DataPower (vDP) utilizing the Container as a Service (CaaS) approach.
- Conducted a thorough analysis of the existing DataPower architecture, identified potential challenges, and devised an effective migration strategy.
- Achieved significant cost savings and improved scalability by leveraging the advantages of virtualized DataPower infrastructure.

DATAPOWER SUPPORT AND CONFIGURATION | DataPower, APIC/APIM, XML, Grafana, Splunk

2021-current

- Acted as a primary point of contact for troubleshooting and resolving issues related to DataPower Gateway.
- Handled a wide range of tickets and incidents, ensuring timely resolution and minimizing impact on critical business operations.
- Developed and maintained comprehensive documentation, including standard operating procedures and configuration guides, to facilitate efficient support and knowledge transfer.
- Utilized scripting languages (such as XSLT and JavaScript) to customize DataPower configurations and implement business-specific requirements.

DETECTION OF COVID 19 BY STUDYING CHEST X-RAY IMAGES IN KERAS | Python, machine learning, CNN, keras, tenserFlow

2021

- The project aims to develop a deep learning model using Keras to detect COVID-19 from chest X-ray images. The model will be trained on a dataset of labeled X-ray images, and the performance will be evaluated using accuracy, precision, recall, and F1-score. The goal is to create a user-friendly application or web tool that can assist medical professionals in quickly screening and triaging COVID-19 cases based on X-ray images.
  Research Paper published in PARAMANA REASEARCH JOURNAL, VOLUME 10, ISSUE 8, AUGUST 2020 Publication-Link

Skills

GATEWAY

Platforms:
DataPower • APIM • APIC • Apigee

Monitoring:
Splunk • Grafana • Sysdig

PROGRAMMING

Scripting:
XML • BashCLI • CSS • HTML

Familiar:
Java • Python • SQL

CLOUD

Git • OpenShift• kubernetes• Docker

Education

PRIYADARSHINI INDIRA GANDHI COLLEGE OF ENGINEERING

Bachelor in Computer Science
2017 - 2021 | Nagpur
CGPA: 9.3/ 10

GOVERNMENT SCHOOL FOR EXCELLENCE

HSC
2017 | Chhindwara, M.P.
Percentage: 80 / 100

Certification

- **Programming in Java**, NPTEL | IIT Kharagpur | 2020
- **Practical Machine learning with TensorFlow**, NPTEL | IIT madras | 2020
- **Python for Data Science** NPTEL | IIT madras | 2019