

Mohammed Musaif

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Profile

- Experienced Splunk Engineer, Developer, and Python Automation Developer with **3 years of dedicated service** at **Solugenix Pvt Ltd**. Specializing in Python scripting and SPL query development, I create robust software solutions.
- As a passionate professional, I have a proven track record in building and scaling data infrastructure. Currently, I work as a System Analyst at Solugenix, where I am responsible for the development of Splunk data streaming and transformation applications, as well as operational productivity tools.
- Seeking a challenging Data Engineer role to leverage my skills and experience.

Professional Experience

Systems Analyst

Solugenix 📄

04/2022 – present

Hyderabad, India

Role Description: Splunk Engineer, Administrator & Automation Developer

3 Years of professional experience in IT Industry as a Splunk Engineer, developer, and Automation Developer at Solugenix, the primary responsibility is to oversee the management, optimization, and automation of Splunk and Dynatrace applications. This multifaceted role involves a combination of technical expertise, problem-solving skills, and software development proficiency.

Responsibilities:

1. Splunk Engineering:

- Manage Splunk infrastructure, including installation, configuration, and maintenance of Splunk servers and components.
- Configure Splunk indexes, inputs, outputs, and other settings to ensure optimal performance and data integrity.
- Monitor Splunk deployment health, troubleshoot issues, and perform capacity planning to meet business requirements.
- Implement security best practices and ensure compliance with regulatory standards in Splunk environment.

2. Automation Development:

- Develop automation solutions using Python scripting to streamline various Splunk and Dynatrace processes.
- Design and implement Python scripts to automate tasks such as application onboarding, log ingestion, index creation, and password management.
- Utilize APIs and SDKs provided by Splunk and Dynatrace to integrate automation scripts with existing systems and workflows.
- Continuously improve automation scripts to enhance efficiency, reliability, and maintainability.

3. Application Onboarding and Log Management:

- Onboard new applications into Splunk by configuring data inputs, sourcetypes, and index configurations.
- Ingest logs from various sources, including system logs, application logs, databases, AWS, and web servers, into Splunk for analysis and monitoring.
- Develop strategies for log data normalization, enrichment, and retention to facilitate effective searching, reporting, and alerting in Splunk.

Education

B.TECH (Mech)

CMR Engineering College [🔗](#)

2017 – 2021

Hyderabad, India

MPC

Sultan-ul-uloom Junior College

2015 – 2017

Hyderabad, India

Skills

Programming Languages

● ● ● ● ●

Python, JavaScript, MySQL, PostgreSQL, React-js

Development tools

● ● ● ● ●

VSCode, GitHub, Bitbucket, Bootstrap, Jira, Aws, Oracle VM VirtualBox, MobaXterm, Linux

Python Modules

● ● ● ● ●

Pandas, NumPy, Psycopg2, Pyspark, MySQL, FastApi, Requests, Pyautogui, Matplotlib etc

SAAS

● ● ● ● ●

Splunk Enterprise, Splunk ITSI, Splunk Security, Cribl and Dynatrace.

Awards

Star Performer

01/08/2023

Solugenix

- On automation performance, Automate Capital group's Splunk instance data on-boarding from various sources.

Professional summary

Splunk Engineer, Developer, and Python Automation Developer with 2+ years of professional experience at Solugenix. Skilled in managing, optimizing, and automating Splunk and Dynatrace applications.

- Manage and maintain Splunk infrastructure, ensuring optimal performance and data integrity.
- Configure and monitor Splunk indexes, inputs, and outputs.
- Troubleshoot issues, perform capacity planning, and ensure compliance with security best practices.
- Develop Python scripts to automate Splunk and Dynatrace processes.
- Integrate automation solutions using APIs.
- Onboard applications into Splunk, configure data inputs, and manage log ingestion.
- Analyze log data, create dashboards, alerts, and reports for actionable insights.
- Configure and manage Dynatrace monitoring solutions.
- Integrate Splunk and Dynatrace for comprehensive monitoring and troubleshooting.

-Develop Python scripts to integrate data from Excel, Csv files into databases, created pipelines to pull and store data efficiently.

Certificates

- Cribl User certificate
- Cribl Admin certificate
- AWS Certified Solutions Architect - Associate
- Terraform
- Python

Personal Projects

Data Model & Pipelines [↗](#)

Communication Website [↗](#)