

SHRTANJAY ASTHANA

DEVOPS ENGINEER

CONTACT

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PROFILE

Over 2 years of industry experience in the areas of Big data technologies, automations, Devops principles implementation, product configuration and implementation, configuration management and python. Innovative and performance-driven with a commercial aptitude, passionate about technology and business.

EDUCATION

BACHELOR OF TECHNOLOGY | CSE

AMITY UNIVERSITY | 2015 - 2019

CGPA : 8.1

12TH | ISC

ST. FRANCIS COLLEGE | 2015

PERCENTAGE : 82.4%

10TH | ICSE

ST. FRANCIS COLLEGE | 2013

PERCENTAGE : 85.6%

EXPERIENCE

PROGRAMMER

FIDELITY INTERNATIONAL, GURGAON
JULY 2020 - PRESENT

GRADUATE PROGRAMMER

FIDELITY INTERNATIONAL, GURGAON
JULY 2019 - JULY 2020

PROJECT INTERN

COLLINS AEROSPACE, HYDERABAD
JAN 2019 - MAY 2019

INTERN

TECH-STREET SOLUTIONS PVT. LTD.
MAY 2018 - JUNE 2018

TRAINEE IN BIG DATA AND HADOOP

DUCAT
JULY 2017 - OCT 2017

SKILLS

PROGRAMMING LANGUAGES

Python, Ansible, Shell scripting, C/C++,
HTML, JAVA 8 (prior experience)

TOOLS & TECHNOLOGIES

Kafka(CDK), Denodo, NIFI, Hadoop(CDH),
AWS cloud, Cloud foundary, Big Data,
Unix/Linux, Service-now, Devops, Jenkins,
CI/CD, Git, Jira

FRAMEWORKS

Flask & Django

DATABASES

Oracle DB, Ms SQL and mongoDB

OTHER ROLES & RESPONSIBILITIES

FIDELITY INTERNATIONAL

- Looking after the administration of Kafka(CDK) with solving issues(debugging) faced by end customer(other app teams within the organization), maintaining the Kafka on-premise infrastructure, user onboarding and topic creation etc.
- Completing BAU tasks for Denodo 6 users like database creation, user onboarding, maintaining Denodo servers, automating daily tasks etc.
- NIFI user onboarding, guiding other teams on how to efficiently use the tool in their data pipeline creation and improving the efficacy and design of Data flow pipelines.
- Edge node addition, new cluster building for Cloudera Distribution Hadoop(CDH) and maintenance of the CDH platform.
- Capable of working and handling 3-4 projects simultaneously.
- Good understanding of working and closing tickets(incident, service and change requests) within SLA.(Service now)
- Good knowledge of scrum and agile software development methodologies and documentation.

EVENTS & ACHIEVEMENTS

- ISBF MUN 2018 REPRESENTED SPAIN IN UNGA
- DRC MUN 2018 REPRESENTED FRANCE IN UNGA
- SFC MUN 2017 REPRESENTED INDIA IN UNGA
- CONFLUENCE 2017- COORDINATOR AT A BIG DATA & CLOUD COMPUTING CONFERENCE

PROJECTS

FIDELITY INTERNATIONAL

EMERGING TECHNOLOGIES SANDBOX CAPABILITIES(ONGOING)

Exposing the company's datalake particulars to outside clients via Cloud services in a synthetic form.(technologies used: Oracle DB, Nifi, AWS, Hazy, Python)

CENTRAL INGESTION SERVICE(CIS)

It's a managed framework to ingest and manage data into AWS cloud storage. Data once landed into AWS Object Storage – Landing Zone through any pattern say NIFI, Python Jobs, Spark etc, CIS service picks up the rest of the processing and makes it available for use and ingested into Snowflake.

PSO XWF/XPM DATA MIGRATION

Creation of Data pipelines using Nifi to migrate the historical data(batch load) from a traditional database(Oracle DB) to AWS S3 buckets and then ingesting the data into Snowflake(Data Warehouse).

DENODO PLATFORM MIGRATION (V6 TO V8)

Engineering of the Denodo 8 platform including the automation for the on-premise server builds for different environments of Denodo 8 installation end to end, the initial POC of the platform and delivering the end product to customer with data migration from Denodo 6.(Skills used: Denodo, Ansible, Shell scripting, linux)

NIFI DEPLOYMENT AUTOMATION

Automating the process of Nifi Template deployment from one environment to another, with all the details to be entered at runtime. The customers were provided with a flask-based API made using python and Jenkins Pipeline with deployment capabilities.

KAFKA AUTOMATIONS

Various Automations like the kafka user onboarding and Kafka topic size checks were developed using Flask framework of python and daily jobs configured using Control-M.

F5 LOADBALANCER & STACKSWITCHER AUTOMATION

Automating the manual processes of the F5 tool using the exposed APIs of F5 and creating a wrapper over them using Python and creation of Jenkins Pipeline for deployment into Cloud Foundry of the microservices.

DIGICERT AUTOMATION

Automating the manual process of PKI management using similar technologies as mentioned above.

RETAIL DATA ANALYSIS USING HIVE & PIG

This project was based on handling the data of transaction of a Walmart and sales of products which provides fruitful information for future use through queries.