

Shikhar Gupta

Big Data Engineer

Contact

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Skills

Programming Languages

- Java (Spring boot)
- Scala (Basics)
- Python 3.x(Basics)

Big Data Technologies

- Apache Spark

Job Scheduling

- Autosys
- Airflow (Basics)

Database

- Hive/Impala
- MySQL

Scripting Languages

- Python 3.x
- Unix

Config Management

- Zookeeper

Build Tools

- Maven, Gradle

CI / CD

- Jenkins

Profile

Software developer with 3+ years of experience working in the BFSI-US domain with team members and clients collaborating from countries across the globe on web-based and Big Data projects.

Have been part of two Agile squads which are responsible for building and maintaining reliable, highly scalable, and robust applications with complex workflows. Interested in exploring new domains and technologies.

Work History

Joined **Tata Consultancy Limited(TCS)**, Pune, as a fresher(June 2019).

Client - **Morgan Stanley**

RPE (Reliability & Production Engineer)

- (July 2019 - Nov 2020)

Client Data & Reference team (CDRT)

- Discussion with clients/users and replication of issues in lower environments.
- Code debugging, log, and database investigation to find the Root Cause Analysis.
- Setup, configure and monitor various alerts based on logs or job failures.
- Real-time performance monitoring of servers and load balancers to ensure business continuity.
- Created some python scripts for achieving automation of some repetitive tasks.

Big Data Developer (Scala-Spark)

- (Dec 2020 - April 2022)

Nasdaq Trade Surveillance (NTS squad)

- Filtering and processing data depending on the market from a huge data lake having consolidated trade and entity data. Mainly using Apache Spark with Scala language.
- Uploading data to Nasdaq for compliance check and fraud detection.
- Downloading alerts from Nasdaq, populating data in DB and UI for compliance team, and enriching alerts with relevant info as per business requirements. Mainly handled in a Java Spring Boot project.
- Onboarding new markets for surveillance and setting up job scheduling to automate the upload and download processes. Currently using the Autosys tool but exploring Airflow for future implementation.
- Setting up automated testing for data quality monitoring.

Cloud

- AWS Developer Basics
- Snowflake Basics

Data Analytics

- Adobe Analytics Implementation

Joined **Publicis Sapient**, Bengaluru, as Associate Data Engineer L2 (May 2022)

- Experience with Big Data Technologies and Java SpringBoot
- Completed self learning + mentor guided training for AWS developer associate related tools and services.
- Underwent self learning + mentor guided training for basic Adobe Analytics implementation.

Education

May, 2015 - May, 2019	B. Tech.: Computer Science Amity University - Noida	7.11
March, 2014 - April, 2015	Intermediate/+2: Science(PCM) - CBSE Doon Public School - Dhanbad	84.8%
March, 2012 - April, 2013	Matriculation: CBSE Delhi Public School(DPS) - Jaipur	8.6

Internship

Sembcorp India (Gurugram) Head Office(2 Months)	May, 2018 - July, 2018
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