

# Ashwani Jha

Python developer/ Data Engineer

IT professional with more than 6 years of experience in financial domain projects. Having sound knowledge of development and deployment fundamentals with Python, GitHub and Jenkins. Having hands on experience of creating ETL pipelines using Kafka, Python and SingleStore and using libraries such as Pandas and running them over Kubernetes Docker pods. Experience of working on projects using Agile methodology. Looking for a position where my Python expertise and experience can be utilized.

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📍 Delhi

🌐 [linkedin.com/in/ashwani-jha](https://www.linkedin.com/in/ashwani-jha)

🐙 [github.com/macoid](https://github.com/macoid)

## WORK EXPERIENCE

### Module Lead - Data Engineering Specialist

LTIMindtree

08/2021 - Present

Noida, India

Achievements/Tasks

- Responsible for end-to-end development which included requirement gathering, development, testing and deployment in non production and production environment.
- Responsible for creation and management of ETL pipelines which included Kafka for message transaction, Python for transformation layer and Singlestore for storage.
- Developed a python utility to automate the process of manually reading a file and attaching internal identifiers to it, using Python and some ML algorithms, it saved the bandwidth by couple of days.
- Created a recon framework, for comparison of data from two different data sources using OOPS and Pandas which is being used across different applications.
- Used Agile approach and Jira for the sprints and story creation and assignment.
- Trained the junior resources on development and deployment process of our project.
- Was involved in a research portal development using Django from where user could access daily reports and upload any new report. Also created functionality to authorize the user and their permissions and built APIs so that user can use curl to modify the reports.
- Involved in setting up the Jenkins and docker files for our Github repositories as well as setting up the groovy and secrets environment.
- Created a chat bot which used to check for any issue in our ETL pipelines on regular basis and convey to our group chat about the issue.
- Used Python code-docs to create automated documentation of python scripts

### Consultant

Capgemini

09/2016 - 07/2021

Pune, India

Achievements/Tasks

- Was involved in development of various new frameworks for Ingestion, Cleansing, Data Quality, Audit and Recon using Python, AWS(lambdas, step functions, ec2) and Snowflake as the database.
- Wrote Python code using Pandas which received excel from different trade regions and did transformations based on the requirements and used API call to publish the necessary data on a Denodo view for visualization.
- Rewrote our existing Perl & Shell data parsing code using Python which saved 30% of the allotted bandwidth in the team's weekly regression cycle.
- Created a web scarper process for an internal team where we were getting data from different web sources and were collating them in a website which we created using Django.

## SKILLS

Python

Pandas

Github

Jenkins

Docker

Kubernetes

Autosys

Singlestore

MySQL

Snowflake

AWS

REST API

Data engineering

Web scraping

OOPS

Kafka

Data analysis

Pytest

Unit testing

Microsoft graph API

MemSQL

Unix

Shell scripting

Threading

Classes and Inheritance

Helios

SVN

Oracle

Python code docs

Confluence

Denodo

ETL

pydoc

reStructuredText markup language

AWS Lambda

Splunk

Rancher

Grafana

## EDUCATION

Bachelor of Engineering : Information Technology  
(08/2012 - 06/2016)

Rustam Ji Institute of Technology, Gwalior

Intermediate (04/2011 - 05/2012)

Kendriya Vidyalaya AFS Tughlaqabad, New Delhi

Matriculation (04/2009 - 05/2010)

Kendriya Vidyalaya AFS Tughlaqabad, New Delhi

## CERTIFICATIONS

1Z0-047 : Oracle SQL

AWS essentials

Azure AZ-900 certified

Denodo Developer Certified

Snowflake WebUI Essentials