

AMAN MISHRA

TECHNICAL LEAD

PERSONAL PROFILE

Highly competent professional with **6 years of experience** and proven track record in **Python Development and Data Engineering**. Energetic, ambitious person having a mature & responsible approach to any task that I undertake or situation I am presented with.

CONTACT

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CORE STRENGTHS

- Python
- Data Engineering
- Data Warehousing
- ETL Pipelines

TECHNICAL SKILLS

- **Languages** : Python, Shell Scripting, PySpark
- **Advanced Tools** : Docker, AirFlow, KAFKA, DBT, Databricks
- **Databases/ DataWarehouses** : BigQuery, SnowFlake, MongoDB, PostgreSQL, Redshift, RDS, MySQL, OrientDB,
- **APIs** : Rest API, Fast API, Flask API
- **Web Development/ Frameworks** : Flask, Django, CherryPy, Bootstrap, PHP
- **Cloud Services** : AWS, Heroku, GCP
- **Version Control** : GitHub, Bitbucket, GitLab, SVN
- **CI/CD** : Jenkins, Bamboo, CircleCI, Github Actions, Gitlab

WORK EXPERIENCE

>> Company : Tredence Analytics
Oct 2022 to Present

Client : SurveyMonkey

Designation : Technical Lead

- **Created a data platform for BI and executives to generate reports and dashboards for KPIs and metrics.**
- **Led a 9-member team, completing an 18-month project in just 4 months.**
- Analyzed source data, created an efficient dat model for key business KPIs and metrics.
- **Developed and deployed DBT models for smooth data flow across zones.**
- Implemented airflow DAGs to orchestrate data ingestion from S3, APIs, DBs.
- Established Fivetran connectors for data extraction from vendors like GA4, GSC, Trade Desk.

Client : Activision

Designation : Technical Lead

- **Developed a scalable, platform-independent ingestion framework using Python and Airflow, driven by configurations.**
- **Successfully migrated the data platform from on-prem Oracle databases to GCP BigQuery with no downtime.**
- **Orchestrated over 100 Airflow pipelines for efficient data processing.**
- Devised an intelligent framework capable of loading data in dynamic batch sizes, preventing failures due to data volume.
- Engineered a user-friendly tool enabling non-technical users to directly pull data from various sources into BigQuery.
- Led a team of 5 members, ensuring a seamless and successful project completion.

>> **Company : Ness Technologies**
Feb 2021 to Oct 2022

Client : Out Of The Blue (OOTB)
Designation : Senior Data Engineer

- Developed ETL data connectors for 15+ sources, improved analytics efficiency with Python, Airflow, Kedro
- Established end-to-end CI/CD pipeline, automated Docker deployment via Github Actions, Docker, AWS ECR
- Implemented a notification platform for client alerts via Email, Slack, etc.

Client : Womply
Designation : Data Engineer

- Developed large scale data conversion pipelines from JSON to Parquet jobs using PySpark and scheduled them with Apache Airflow
- Achieved 10X better performance and 5X cost savings with the new data pipeline
- Developed more efficient Data Pipeline to migrate the data from source(RDS) to destination (Snowflake)
- Migrated 15+ different old data pipeline infrastructure components like AWS Glue, RDS instances, S3 etc. efficiently to new infrastructure using tools like Terraform

Client: NICE Interactive Solutions
Designation: Tech Lead

- Conducted the migration of over 100 repositories from SVN and Bitbucket to GitLab, ensuring zero downtime for the product
- Engaged in pre-sales activities to secure this client
- Successfully transitioned more than 150 Bamboo jobs to Jenkins
- Guided and led a team of five individuals to achieve project completion and timely delivery

>> **Company : Velotio Technologies**
Nov 2020 to Feb 2021

Designation : SSE

- Created Jenkins Bot for deployment of code directly to different environments via Jenkins just by typing a command
- Created custom Slack Bot for Jira, which helped in performing CRUD operations on Jira tickets from Slack directly.
- Development and deployment of databases

>> **Company : Miko.ai**
Feb 2020 to Nov 2020

Designation : Python Developer

- Developed recommendation systems for IPL 2020.
- Created Data Scraping and Web Scraping scripts from various platforms containing huge amount of data (sometimes ranging to more than 200-300 GB's) with consistent accuracy of more than 90%.
- Solved the problem of context management on Chatbots. Received high appreciation for the same

>> **Company : Infosys Ltd.**
Jun-2018 to Feb 2020

Designation : Senior Testing Executive

- Oversaw an entire database migration project
- Created tools to automate the configuration file changes
- Efficiently created over 60 automation scripts using UFT
- Created a PDF verification utility to save manual efforts of 2 weeks per month of my team

EDUCATION

B.Sc in CS (2015-2018) - 9.3 CGPA