

# CHETAN JADHAV

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## LINKEDIN

- linkedin/in/jadhav-chetan

## SUMMARY

Results-driven Senior Data Engineer with extensive experience at Turing Inc., specializing in AWS, Snowflake, and Python to design and enhance fintech data architectures. Proven success in developing efficient data models and ETL pipelines that drive business intelligence and informed decision-making. Strong collaborator with a talent for innovative problem-solving, ensuring optimal data quality and security.

## KEY SKILLS

- |                  |                                    |                                    |
|------------------|------------------------------------|------------------------------------|
| • Python         | • Kubernetes                       | • Advanced SQL                     |
| • Java           | • Terraform                        | • Data quality assurance           |
| • Scala          | • CI/CD                            | • Data security                    |
| • DBT            | • Linux Administration             | • Azure Databricks                 |
| • Apache Airflow | • LDAP                             | • Azure DevOps                     |
| • Kafka          | • Kerberos                         | • Azure Flexible PostgreSQL Server |
| • Spark          | • Git version control              | • Azure Data Lake                  |
| • AWS            | • ETL Solutions Implementation     | • Azure Data Factory               |
| • Azure          | • Data modeling                    | • Azure ML Studio                  |
| • Snowflake      | • Python programming               | • AWS MWAA Airflow                 |
| • SQL            | • Data Pipeline Architecture       | • Git Actions                      |
| • NoSQL          | • Real-time analytics              | • Apache Kafka                     |
| • DynamoDB       | • Data Integration and Warehousing | • Apache Flink                     |
| • Docker         | • Continuous Integration Practices | •                                  |

## EXPERIENCE

08/2023 - 01/2025

**Turing Inc., Remote, United States**

- Company Overview: Fintech Data Infrastructure and Modeling
- Designed and managed scalable cloud data infrastructure using Snowflake, AWS, and Terraform
- Built and maintained ETL pipelines leveraging DBT for staging, transformation, and mart layers, enabling advanced business intelligence
- Optimized data models to support analytics and decision-making in the financial sector
- Automated operational workflows with Apache Airflow and ensured high availability

using PagerDuty

- Key Technologies: Python, AWS S3, AWS DynamoDB, Snowflake, Docker, Kubernetes, DBT, Kafka
- Developed dynamic pricing models for major US sports events using machine learning and historical data analysis
- Migrated from Azure PostgreSQL to Snowflake for enhanced performance and scalability
- Collaborated across teams to optimize data pipelines and machine learning workflows
- Key Technologies: Python, SQL, ETL, Airflow, Terraform, Git Actions, DBT, Azure DataBricks, Azure, Snowflake, PySpark, Azure ML Studio, Docker, Kubernetes, Kafka, and Flink.
- Fintech Data Infrastructure and Modeling.
- Created ETL scripts to move and transform data from various sources into a centralized repository.
- Collaborated with other teams to understand their requirements and deliver solutions accordingly.

10/2019 - 08/2023

#### ***Data Engineer, Deviahc Technologies Pvt Ltd, Pune, Maharashtra***

- Automated car damage detection using image processing and deep learning techniques
- Built end-to-end machine learning pipelines, containerized with Docker, and orchestrated using Kubernetes
- Integrated MVS cameras and APIs for seamless data acquisition and defect identification
- Key Technologies: TensorFlow, OpenCV, MLFlow, SQL, AWS SageMaker, Apache Airflow
- Fine-tuned large language models (LLMs) for natural language processing applications
- Developed algorithms for text summarization and retrieval-augmented generation (RAG)
- Built and deployed e-commerce chatbots using GPT-3.5 Turbo
- Key Technologies: Python, RAG, Snowflake, Docker, Azure, AWS

## **EDUCATION**

01/2014

#### ***Diploma, Information Technology Government Polytechnic Pune***

## **CERTIFICATIONS**

- Data Engineer Nanodegree
- Machine Learning Advanced Certification
- AWS Technical Essentials
- Tableau Desktop 10 Qualified Associate

## **LANGUAGES**

- Marathi, Native
- English, Proficient
- Hindi, Proficient

## **PROJECT HIGHLIGHTS**

- Financial Data Pipeline Optimization, Designed a robust data pipeline using Snowflake for seamless integration and advanced analytics. Enabled real-time data processing and transformation with Kafka and Flink for batch and streaming data.
- Zero-Downtime Deployment, Implemented CI/CD pipelines using Kubernetes and Docker, ensuring zero downtime during production rollouts.
- Advanced Analytics Integration, Developed ML models for loan eligibility prediction, improving financial inclusion for underbanked populations.