Ashish Salaskar

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TECHNICAL SKILLS

Languages: Python, SQL, PySpark, JavaScript

Technologies/Frameworks: FastAPI, Apache Airflow, Kafka, ML-Flow, DVC, Azure Cloud, Docker, Kubernetes, Databricks, API Development, ML-Ops, Data Engineering

Certifications: Azure Fundamentals - AZ900, Azure AI Engineer Associate - AI102, Databricks Certified Machine Learning Professional

EXPERIENCE

Walmart Global Tech | Software Development Engineer III   Jan 2023 - Present

- Designed, developed, and deployed scalable engineering solutions for Machine Learning and Data Analytics use cases across Walmart. Primarily worked on delivering solutions for Legal and Security related business verticals.
- Extensively worked on deploying Machine Learning models as APIs, setting up CICD pipelines using **ML-Ops tools** (ML-Flow, DVC), and Workflow Orchestration using Apache Airflow.
- Worked on building an invoice classification system that helps **process invoices 95% faster** than the existing manual workflows of the Walmart Legal team. A combination of business rules and machine learning models was used.
- Involved in developing a system for Walmart Legal teams to summarize and **analyze Legal Depositions** with features like **Semantic Search** across and within documents, Document Summarization, and **Redaction of PII data**.
- **Skills**: Python, FastAPI, ML-Flow, DVC, Airflow, PySpark, Docker, Kubernetes

Tredence Analytics | Machine Learning Engineer   Sep 2022 - Jan 2023

- Developed a robust **Data Management Solution** for an FMCG client in the Retail industry by using Databricks and Azure Cloud to ensure seamless deployment of Machine Learning models by building robust pipelines including model deployment, monitoring, and Retraining.
- Designed pipelines for data ingestion from various **retailers across 18 Countries** and then orchestrated the Machine learning Process using **Databricks workflows** and appropriate triggers.
- **Skills**: Machine Learning, Databricks, Azure Data Factory, PySpark, MLFlow, Azure Cloud Services, SQL, Docker

Celebal Technologies | Machine Learning Engineer   Dec 2021 - Sep 2022

- Involved in multiple end-to-end development and deployment of data science projects related to the NLP domain. Used Azure Cloud tools like **Azure Databricks**, Azure Synapse Analytics, and **Azure Kubernetes Service** for deployments.
- Experienced in working with Big Data tools and technologies on the Databricks platform. Created end-to-end projects on the Databricks platform using PySpark, from building pipelines to code deployment.

Tata Consultancy Services | Software Development Engineer   Aug 2020 - Dec 2021

- Involved in the end-to-end development of Python applications to be used for testing APIs involved in various financial business transactions for a major Internet Banking company in the US.
- Led the development of tool for providing a streamlined way for developers to onboard and perform various testing operations on the APIs needed without worrying about configuration each time.
- The project was developed using the **FastAPI** library and Cassandra database which **reduced the time taken for testing APIs by 70%** when tested for two months in the organization.
- **Skills** - Python, Flask, SQL, HTML, CSS, Javascript, Bootstrap, REST APIs.

EDUCATION

Bachelor of Engineering in Computer Science   Jun 2016 - Jul 2020

Visvesvaraya Technological University, Karnataka

CGPA: 8.8