PRATIK SHINDE

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SUMMARY

- Data Engineer and Software Developer, 5+ years' experience
- Designing scalable solutions, building data pipelines, and integrating business systems across Azure and AWS.
- Proven success delivering results in Agile environments.
- Skilled in Python, .NET, ETL, and machine learning for business insights and operational efficiency.

EDUCATION

- Savitribai Phule Pune University, Pune, India
  Bachelor of Engineering in Computer Science, July 2014 – July 2019

TECHNICAL SKILLS

- <u>Programming Languages:</u> C#, Python, Shell Scripting (Unix, Windows), Core Java, C++
- <u>Web Development</u>: Django, Flask, FastAPI, .NET
- <u>Databases</u>: PostgreSQL, MySQL, MongoDB
- <u>Data Warehousing</u>: Snowflake, Hadoop
- <u>ETL Tools</u>: Apache Kafka, Apache Spark, Apache Airflow
- <u>Machine Learning</u>: scikit-learn, TensorFlow, Keras
- <u>Data Science</u>: PySpark, Pandas, NumPy, Matplotlib
- <u>Tools</u>: Docker, Jenkins, Git
- <u>Cloud Platforms</u>: Azure, AWS, Databricks
- <u>Data Orchestration</u>: Ray, Dagster

HONORS

- Always Delivered What is Promised, issued by CTIS Management, Dec 2024 (Associated with Atlas Copco Group)

- Employee of the Month, Dynamisch IT, Jan 2022 (for project delivery and team contributions)

CERTIFICATIONS

- Artificial Intelligence and Machine Learning, DRDO (Year)

EXPERIENCES

Atlas Copco Private Limited (formerly Atlas Copco India), Pune, India
Data Engineer (Azure Data Engineer), July 2023 – Present

- Designed and implemented ETL pipelines to migrate multi-source engineering and manufacturing data to Azure cloud using ADF and Databricks, improving data accessibility and analysis speed.
- Engineered smart manufacturing solutions by integrating IoT device data via APIs, enabling real-time operational insights.
- Developed Python-based data models and ETL workflows for efficient storage and analytics.
- Automated image processing for electric drawings, reducing manual effort and enhancing accuracy.
- Led internal projects, coordinating cross-functional teams and delivering solutions within tight timelines.

Thinkitive Technologies, Pune, India
Senior Software Developer (.NET/C#/Python), May 2022 – July 2023

- Developed enterprise web applications using .NET (C#), Django, Python, and REST APIs.
- Built scalable architectures and collaborated in Agile sprints across multiple teams.
- Managed PostgreSQL and MySQL databases, improving data efficiency.
- Built real-time ETL pipelines using Apache Kafka and Spark.
- Implemented CI/CD pipelines using Jenkins and Azure DevOps.
- Deployed applications on AWS and Azure cloud platforms.
- Designed data warehousing solutions using Snowflake and performed data modeling.
- Developed predictive machine learning models using scikit-learn and TensorFlow.
- Utilized Docker and Kubernetes for microservice deployment and orchestration.
- Led system integrations ensuring seamless data exchange across business units.

Dynamisch IT, Pune, India
Software Engineer (Python Developer/Shell Scripting), Oct 2019 – May 2022

- Developed web applications using Django, Python, and JavaScript, integrating REST APIs for functionality.
- Managed PostgreSQL and MongoDB databases.
- Containerized applications using Docker; managed deployments with Nginx.
- Reviewed code and mentored peers to improve development quality.
- Built data pipelines with Apache Spark and Airflow for scalable processing.
- Created ML models using scikit-learn and TensorFlow; conducted data analysis and visualization.