PRATIK SHINDE

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Software Developer with 5+ years of experience in IT, skilled in building scalable solutions and integrating business systems. Proven track record of delivering innovative results in agile environments.

EDUCATION

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

EXPERIENCE

Atlas Copco Private limited [formally Known as Atlas Copco India], Pune India. July 2023- Present
Data Engineer(Azure Data Engineer)

- Engineered solutions for **smart manufacturing machine data,** optimizing processes for improved performance.
- Integrated and processed **IoT device data using APIs** for enhanced operational insights.
- Designed and implemented **ETL pipelines to migrate engineering and manufacturing** data from multiple sources to the cloud using Azure Data Factory **(ADF) and Databricks.**
- Developed database models and ETL workflows using **Python** for efficient data storage and retrieval.
- Automated **image processing for electric drawings**, improving accuracy in analysis and streamlining workflows for faster decision-making.
- Successfully led internal projects, **managing team c**ollaboration and delivering innovative solutions within tight deadlines.

Thinkitive Technologies, Pune, India. May 2022 - July 2023
Senior Software Developer(.net(C#)/Python Developer/ Shell Scripting)

- Developed enterprise web applications using **.NET (C#), Django, Python,** and REST APIs.
- Designed scalable solutions and collaborated with cross-functional teams in Agile environments.
- Managed databases **(PostgreSQL, MySQL),** optimizing data storage and retrieval.
- Built ETL pipelines and data integrations using tools like Apache Kafka.
- Implemented CI/CD pipelines with **Jenkins and Azure DevOps** for automated deployments.
- Worked with cloud platforms including **AWS and Azure** for application deployment and services.
- Developed data warehousing solutions with **Snowflake** and performed data modeling.
- Built machine learning models for predictive analytics using **scikit-learn and TensorFlow**.
- Utilized **Docker and Kubernetes** for containerization and orchestration of microservices.
- Managed business system integrations and ensured seamless data flows across applications.

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

- Developed and maintained web applications using Django, Python, and JavaScript.
- Designed and managed databases such as PostgreSQL and MongoDB.
- Implemented REST APIs for seamless integration with frontend applications.
- Utilized **Docker** for containerization of application components.
- Worked with **Nginx** for reverse proxy and **load balancing.**
- Collaborated with cross-functional teams to ensure smooth deployment and operations of applications. ● Conducted code reviews and provided constructive feedback to enhance code quality and maintainability. ● Collaborated with data engineers to design and implement data processing pipelines using Apache Spark and Apache Airflow.
- Developed scalable and efficient algorithms for data processing and analysis.
- Implemented machine learning models using Python libraries like scikit-learn and TensorFlow.
- Utilized statistical techniques to extract insights and patterns from large datasets.
- Conducted data exploration and visualization to communicate findings and insights to stakeholders.

Honors

- Employee of the Month Jan-2022

TECHNICAL SKILLS

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

CERTIFICATIONS
- Artificial Intelligence and Machine Learning, DRDO