

Pranav Kapale

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Summary

Passionate Software Engineer seeking to join a dynamic team where I can leverage my 2.5+ years of experience in **Python, SQL, Spark, Databricks** to contribute to your organization's data-driven goals. Experienced in Data ingestion, Data pipelines and CICD Implementation, I am eager to learn and grow alongside your team while delivering immediate value

Technology Stack

- **Core:** Python, SQL, Apache Spark (PySpark), Scala
- **DevOps:** Azure DevOps, Git, AWS S3, Splunk, Maven, Docker, Confluence
- **Database:** Microsoft SQL Server Management Studio, PostgreSQL
- **Familiar:** Databricks, Azure Pipelines (YAML), Datawarehouse (DBFS), JSON, Agile
- **Software:** IntelliJ, PyCharm, Visual Studio Code, Postmen, Dbeaver

Professional Experience

S&P Global

Software Engineer

- Optimized **Databricks performance** by 60% using Delta Lake and **Mosaic**, leveraging parallelism & multithreading for faster ETL pipelines
- Reduced operational costs by restructuring workflows using **modular orchestration** techniques
- Engineered **Azure Pipelines (YAML)** for CI/CD of Python and Scala projects, including Wheel/Maven deployments
- Performed **data ingestion** across environments in SQL Server (utilising Stored Procedures, batch processing) and automated transformation of PostgreSQL tables via (JDBC), ensured data integrity
- Automated workflows for **AWS file movement** across environment via SharePoint intermediary, ensuring cross-platform data consistency
- Designed scalable ETL pipelines in Databricks to process **GIS** spatial data using Mosaic
- Developed **AWS Lambda/Step Functions** for automated data workflows
- Integrated **REST APIs** and **Splunk** logging for streamlined data integration and enhanced system monitoring
- Handled change request, schema updates, column updates and coordinated with Data Management teams to ensure compliance, data consistency and integrity
- Experience working with cross functional teams

Certification

- AI for Everyone
- EssentialTECH Foundations

Education

Walchand College Of Engineering, Sangli	2018-2022
<ul style="list-style-type: none">• BTECH, Electronics Engineering• CGPA: 7.41	
Dayanand College Of Science, Latur	2016-2018
<ul style="list-style-type: none">• Higher Secondary Certificate• Percentage: 79.69	

Skills

Problem Solving, Adaptability, General practices for Code Quality, Teamwork, Performance optimisation, Data quality and Validation

Languages

English (Professional), Marathi (Native), Hindi (Professional)