

# Rahul Chavan

## Data Engineer

Targeting **Data Engineer** roles with a reputable organization, aiming to enhance expertise in Python, SQL, and big data technologies, and contribute to impactful data-driven solutions.

## Contact



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## Academic Details

- **Bachelor of Technology (B.Tech) Civil Engineering**  
SKN Sinhgad College Of Engineering,  
Pandharpur;  
CGPA: 9.8  
(2018-2022)

## Soft Skills

Analytical | Collaborator | Leader | Adaptable

## Technical Skills

- **Programming Languages:**  
Python, Py-Spark, SAS, SQL
- **Cloud and Big Data Technologies:**  
AWS, GCP, Snowflake, Hadoop, Kafka

## Core Competencies

Agile Methodologies

Python

Py-Spark

Debugging

Containerization

Web Services

AWS, GCP, Snowflake

Performance Optimization

System Scalability

## Profile Summary

- Experienced **Data Engineer** with 1.5 years of expertise in designing and implementing scalable data pipelines and systems.
- Proficient in **Python** and SQL, with hands-on experience in developing and optimizing data processing algorithms.
- Skilled in big data technologies such as **Hadoop** and **Spark**, ensuring efficient data storage, retrieval, and analysis.
- Familiarity with cloud platforms including **AWS**, Azure, and **Google Cloud**, adept at deploying and managing data infrastructure in the cloud.
- Successfully migrated **SAS-based workflows to Py-Spark**, improving performance and scalability while maintaining data integrity.
- **SnowPro Core Certified** Associate, demonstrating proficiency in building and managing data warehouses on the Snowflake platform.

## Work Experience

### Data Engineer

LTIMindtree., Mumbai

Sept\_2023 – Present

### Responsibilities:

- Designing and implementing scalable, reliable, and efficient data pipelines and architectures to support the organization's data needs.
- Evaluating new technologies and tools, and implementing the most suitable ones for data processing, storage, and analytics, such as cloud platforms (AWS, Azure, Google Cloud), big data frameworks (Hadoop, Spark), and databases (SQL, NoSQL).
- Collaborated with cross-functional teams to ensure seamless integration of new technologies and solutions.
- Developing and maintaining data models for efficient storage and retrieval of large datasets and optimizing data processing algorithms for improved performance.
- Identifying areas for improvement in data infrastructure and processes, and driving initiatives to enhance scalability, reliability, and performance.

### Achievements:

- Successfully led the migration of legacy SAS-based data processing workflows to Py-Spark, resulting in significant performance improvements and cost savings for the organization.
- Led the redesign and implementation of a complex data pipeline architecture, consolidating disparate data sources and optimizing data processing workflows.

## Projects

### Pik-Pok Social video sharing platform

**Tools:** AWS EC2, AWS S3, AWS lambda, AWS CloudFront, WordPress

**Roles:** Planning, Front End Development, Backend Development, Deployment, Execution

- Pik-Pok is a social video sharing platform built on AWS, utilizing EC2 for scalable compute, S3 for secure storage, Lambda for serverless processing, and CloudFront for global content delivery.

### MP3 Converter to MP4

**Tools:** AWS EC2, AWS S3, AWS lambda, AWS Elastic Transcoder, WordPress

**Roles:** Planning, Front End Development, Backend Development, Deployment, Execution

- Developed an MP3 to MP4 converter leveraging AWS Elastic Transcoder, allowing seamless conversion of audio files uploaded by users to video files.

## Personal Details

**Date of Birth:** 21<sup>st</sup> Oct 2000

**Languages Known:** English, Hindi and Marathi

**Address:** Pune, Maharashtra