Gaurav Sahane

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Versatile Software Engineer with a proven record of delivering impactful solutions, enhancing system efficiency, and empowering teams to achieve business goals. Adept at problem-solving and committed to excellence in every project.

Experience

Tech Prescient   **July 2022 - Present**
Software Developer   **Pune**

ML/AI Pipelines
- **Orchestrated** Apache Airflow DAGs to efficiently ingest data from diverse sources, ensuring seamless integration and automation.
- **Developed** and **implemented** training pipelines to train ML models, optimizing performance and scalability.
- **Architected** and **optimized** table schemas for a medallion architecture, driving a 25% improvement in efficiency through enhanced data organization and streamlined accessibility.

Configurable Pipelines with Databricks
- **Spearheaded** the design of configurable ETL pipelines within Databricks, **empowering** non-technical users to manage workflows independently, reducing developer dependency.
- **Enhanced** data processing in Databricks by **integrating** various large language models (LLMs) into ETL workflows, increasing efficiency in analytical tasks.
- **Streamlined** data export processes, ensuring seamless multi-platform storage and **improved** data accessibility.

Java & Android
- **Orchestrated** Spring Boot project enhancements, **developing APIs** and **streamlining** system efficiency
- **Programmed** the Android application upgrades for Android 13 compatibility, **impacting** over **10,000** users.
- **Managed** Android app releases as primary contact, **streamlining** the process and reducing release cycle time by 20%.

CPQ Platform
- **Led** the seamless integration of the CPQ platform with Salesforce, **improving** CRM entity handling and data management.
- **Streamlined** Django-based REST APIs, **boosting** response efficiency by 30% and playing a **central role** in API design and management.
- **Developed** a versatile contract generation system from DOCX files**, enhancing user customization options.**

MIS Platform
- **Developed** OS-specific bots (Linux, Windows, Mac) using Bash and Batch scripting to collect hardware information for company audits and device upkeep, **automating data integration** and saving significant manual effort.
- **Architected backend solutions** with Python, FastAPI, and SQLAlchemy, managing PostgreSQL databases efficiently.
- **Managed** PostgreSQL databases, **orchestrated** Alembic migrations, implemented AWS Cognito for secure

Fidel Softech Pvt. Ltd.   **June 2019**
Intern
- **Assisted in** developing speech-to-text software, **enhancing** functionality.
- **Revamped** website workflows with new templates, **improving user experience**.

Certification

Databricks Associate Data Engineer - Achieved 97% in Data Engineering certification [Certificate Link]

Education

NUTAN COLLEGE OF ENGINEERING AND RESEARCH   **Pune**
B.Tech. CGPA 9.06   **2018- 2022**
Computer Science and Engineering

GLOBAL INDIAN INTERNATIONAL SCHOOL   **Pune**
CBSE 12th Standard, Science Stream, 75%   **2018**

Skills

Programming Languages: Python, **PySpark**, **Java**, Bash, Batch, HTML, CSS, Javascript

Backend Development: FastAPI, **Django**, **Django ORM**, **REST Framework**, Spring Boot

Database Technologies: SQL, **PostgreSQL**, SQLAlchemy, MongoDB, MySQL, Alembic, Redis

Cloud & Deployment: AWS Suite (**Redshift**, **S3**, **SES**, **Cognito**, **Lambda**, **EC2**, **DynamoDB**, **SageMaker**, **IAM**), **Docker**, Kubernetes, Heroku

Message Streaming & Queueing: Apache Kafka, AWS Kinesis, RabbitMQ

Tools & Frameworks: Git, CI/CD Pipelines, Agile Development Methodologies, Ngrok