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in LinkedIn

Q Quora

Result-oriented professional with 4 years of organizational experience, targeting senior roles in **Data Engineering, Software Development & Data Processing** with an organization of repute in the IT industry, preferably in Bengaluru or Pune.

Core Competencies

- Data Analytics
- Data Engineering
- Agile Methodology
- Application Development
- SDLC/ SDF
- Bug Fixing
- Automation
- Data Processing
- Operational Excellence
- Team Management

Education

2017: MCA
University of Allahabad, Prayagraj

2014 BCA
Indira Gandhi National Open University

Saharsh Gaurav

DATA ENGINEER

Profile Summary

- **Data Engineer with skills in developing scalable data pipelines** on various platforms including Azure ML, AWS, and GCP DataProc.
- **Accomplished Software Development Engineer with a** strong background in automating back-end processes and creating Restful APIs for cryptocurrency trading platforms
- Gained hands-on experience in designing and implementing database management solutions using **Snowflake and Postgres for efficient data processing**
- **Extensive expertise in utilizing Flask framework** to create Restful APIs and monitoring backend processes for web applications
- **Gained experience of automating account opening processes for banks, leveraging cutting-edge technologies and software development best practices**
- Detail-oriented Software Development professional with a keen eye for identifying and resolving issues and ensuring smooth functionality
- Agile-oriented Developer with a strong capability to collaborate with cross-functional teams, gather requirements, and deliver high-quality software solutions in a timely manner

Organizational Experience

Costrategix Technologies Pvt. Ltd., Bengaluru | Since Mar'21
Data Engineer

Key Result Areas:
- Developing data pipelines on multiple platforms including Azure ML, AWS Data Pipeline, and GCP using Dataflow and DataProc
- Utilizing Apache Airflow for orchestration of in-house pipelines
- Implementing database management using Snowflake and Postgres for efficient data processing
- Coordinating with the AI/ML and Data Engineering Team to create robust and scalable data solutions
- Contributing to the design and implementation of data processing workflows to optimize data Extraction, Transformation, and Loading (ETL) processes
- Leveraging expertise in AI/ML and data engineering technologies to drive data innovation and improve data quality and integrity
- Ensuring data pipelines adhere to best practices and industry standards for data security, privacy, and compliance
- Conducting performance tuning and optimization of data pipelines to enhance efficiency and reduce processing time
- Collaborating with cross-functional teams to gather requirements, understand business needs, and deliver data solutions that meet stakeholder expectations

Oodles Technologies Pvt. Ltd., Gurugram | Dec'19- Jun'20
Associate Software Developer

Key Result Areas:
- Assisted in the development of a cryptocurrency trading platform, focusing on backend processes
- Monitored the creation of Restful APIs using the Flask framework, facilitating smooth communication between front-end and back-end systems
- Played a key role in designing and implementing the database for efficient data storage and retrieval
- Collaborated with cross-functional teams to understand business requirements and ensure seamless integration of APIs with the website
- Conducted code reviews and implemented optimizations to improve performance and maintain code quality
- Actively participated in debugging and troubleshooting to identify and resolve issues, ensuring smooth website functionality

- Worked closely with front-end developers to understand their requirements and provide necessary support for seamless integration of APIs

Extrieve Technologies Pvt. Ltd., Bengaluru | May'18- Jul'19
Software Engineer

Key Result Areas:
- Performed as an Engineer for the Software Development team at Workflow Waves Platform, focused on automating the account opening process for banks
- Played a key role in designing, developing, and implementing software solutions to streamline and automate the account opening process, reducing manual efforts and improving efficiency
- Utilized cutting-edge technologies and software development best practices to deliver high-quality, scalable, and maintainable software solutions
- Conducted thorough analysis and debugging of software issues, providing timely resolutions to ensure smooth functionality of the account opening process
- Actively engaged in Agile development methodologies, attending daily stand-up meetings and providing regular progress updates to stakeholders
- Collaborated with team to develop, test, and deploy software solutions in a timely manner, adhering to project deadlines
- Documented software design, coding standards, and best practices for reference and knowledge sharing within the team

Projects

Cos-CdC-Dashboard
- Led data integration of Tempo Timesheet, Jira, Appsheet, and BambooHR into Postgres for enhanced project analysis using Singer.io in Cos-CdC-Dashboard Project.

Onebridge-Data-Cloud, Data Migration
- Implemented Data Migration Project for Smart Data and Engaging Solutions, leveraging Lambda Functions, and Snowflake stored procedures for seamless data ETL with API fetch, S3 staging, and data ingestion/upsertion for multiple project tenants

Vimeo, CDN Data Processors
- Created Data Processing Pipeline on Google Cloud Platform using Google DataFlow, Cloud Pub/Sub, and Apache Spark (Pyspark) for CDN data processing of hosted videos
- Enabled data analysis graphs, charts, and visuals for Vimeo Data Scientist teams via data analyst tool

Cloudera Migrations - Vimeo Inc., Spark Job Migrations
- Successfully migrated Spark jobs from Cloudera Platform to Google Cloud Platform, leveraging DataProc for job execution, Kafka for streaming data processing, Cloud Logging and Monitoring for logs and monitoring, and Cloud Build Tools for CI/CD

FINTECH-Financial Information Technologies, LLC, Invoice Processing Platform
- Created Machine Learning Models Pipelines for invoice data classification at a leading Liquor seller in the US and Europe, ensuring persistent accuracy of models and pre-processed data
- Leveraged Azure Machine Learning platform, Apache Kafka for streaming data, and MS Cosmos DB for database management

Vertex Market, Crypto-Currency Trading Platform
- Developed a highly secure and user-friendly platform for global cryptocurrency trading, enabling convenient exchange of various currencies into and from cryptocurrencies
- Implemented a Peer-to-Peer (P2P) concept, aligning with the decentralized nature of cryptocurrencies

Workflow Waves, Bank Account Opening Platform
- Led the development of a robust data capture toolset, integrated with a versatile workflow manager, used by top clients such as HDFC Bank and Kotak Mahindra Bank for automating diverse account opening processes, including savings, current, loans, and so on.

Technical Skills

Languages & Frameworks	Python, SQL & Flask
Cloud Platforms	MS Azure, Google Cloud Platform & Amazon Web Services
Version Management	Github & Tortoise SVN
Tools & IDEs	Microsoft VS Code & Jupyter Notebook
Libraries	PySpark, MLFlow & Others
Databases	Snowflake, Postgres, SQL Server & MySQL

Certifications
- Spark and Python for Big Data with PySpark- Udemy
- Introduction to Cloud Computing- Udemy
- Programming for Everybody- University of Michigan
- Using Python to Access Web Data- University of Michigan

Freelance Experience
- Worked as a Freelance Engineer for the creation of a Computer Shop Management System

Personal Details

Date of Birth:	July 07, 1993
Languages Known:	English, Hindi
Address:	Chunar, Mirzapur, Uttar Pradesh