RAJAT GOEL

+91-89883-50157 · rajatgl17@gmail.com · Chandigarh, India
linkedin.com/in/rajatgl17 · stackoverflow.name/rajat-goel · rajatgl17.github.io

Software and **Data Engineer** with **8+ years** of experience in building data-intensive applications and scalable backend systems. Skilled in tackling complex architectural challenges, leading cross-functional teams, and delivering robust data pipelines and microservices. Proficient in **Java, Python, Spark, and SQL**, with expertise in **data warehousing, RESTful APIs, ETL processes, and data architecture**.

TECHNICAL SKILLS

Data Engineering: Spark/PySpark, Airflow, Redshift, NiFi, Iceberg, Presto, Tableau
Backend Development: Java, Spring boot, Hibernate/JPA, MySQL, MongoDB
Miscellaneous: AWS, Kafka, RabbitMQ, Redis, Grafana, Elasticsearch, Git, Docker

WORK EXPERIENCE

Deutsche Telekom Digital Labs (Remote)   October 2020 – Present
Lead Data Engineer

- Started as a Software Engineer (Backend) and advanced to Lead Data Engineer, driving multiple high-impact projects, including building scalable data platforms and leading cross-functional teams.
- Led a team of data engineers in building a robust **Medallion-architecture data platform** for T-Mobile's app, enabling advanced clickstream analytics for **40M weekly users** and managing **56k TPS.**
- Established an **alerting system** to identify and flag potential issues in real-time data pipelines at an early stage.
- Conducted a detailed **analysis of AWS infrastructure cost & usage** and introduced optimizations, resulting in a 25% cost reduction with no performance trade-offs.
- Currently leading a data foundation project to **automate and streamline data engineering processes**, aiming to reduce manual effort by 50% and freeing up team bandwidth for strategic tasks.
- Revamped business reporting data warehouse, reducing **Tableau dashboard load times** by 70%, improving decision-making efficiency.

OnGrid, Gurugram   April 2019 – October 2020
Senior Software Engineer.

- Designed and implemented, a high-performance **report generation platform leveraging CQRS and CDC** patterns, resulting in 60% faster report generation.
- Ideated and developed eLocker, a digital locker for secure issuance & verification of employment records.
- Developed a robust **Solr/Lucene**-based criminal record check system achieving a 10% false negative rate.

Azuga, Bengaluru   March 2017 – March 2019
Software Engineer

- Worked as a **full stack** developer**,** developing and optimizing frontend (jQuery and Angular v4) and backend for an IoT-based fleet management solution.
- Implemented a robust **authentication and authorization platform** utilizing Single Sign-On and OAuth2 protocols.
- Managed microservices infrastructure using Kong **API gateway**, ensuring security, monitoring, optimal performance and reliability.

EDUCATION

Rajasthan Technical University, Jaipur - B.Tech. ECE   June 2016

DAV School, Sirmaur, HP - Senior Secondary   March 2012