

# RAJAT GOEL

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Software Engineer with **8+ years of experience** in building data-intensive applications and distributed systems. Proven ability to tackle challenging architectural and scalability problems. Proficient in **Java, Spring Boot, and SQL**. Possess strong knowledge of backend architecture, **RESTful microservices** and data-engineering pipelines.

## TECHNICAL SKILLS

**Programming & Frameworks:** Java, Spring Boot, JPA (Hibernate), Spark / PySpark, Airflow

**Data Stores & Messaging:** MySQL, MongoDB, Amazon Redshift, Data Lake (S3, Athena), Kafka, RabbitMQ, Redis, Elasticsearch

**Cloud & DevOps:** AWS, Docker, Kubernetes, Git, Grafana, Prometheus

## WORK EXPERIENCE

### Deutsche Telekom Digital Labs (Remote)

October 2020 – Present

Lead Engineer

- Led a team 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.
- Reduced AWS infrastructure costs by 20% (\$40K) via comprehensive analysis and targeted optimization strategies.
- Elevated **system reliability and development velocity** by integrating SonarQube quality gates, test coverage checks, linting standards, and pre-commit hooks into the CI/CD process.
- Developed and maintained **RESTful APIs** for RDK router provisioning and network service management in the OneBroadband platform

### 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.

## OPEN SOURCE CONTRIBUTION

### LinkedIn DataHub - Metadata Platform

- Added API key support for Metabase ingestion to enhance secure authentication
- PR - <https://github.com/datahub-project/datahub/pull/12711>

## EDUCATION

Rajasthan Technical University, Jaipur - Bachelor of Technology

June 2016