DevOps Command Center (PoC)

Industry
Pharmaceutical
(Human Pharma)

Client

One of the leading international pharmaceutical company

Challenge

- **Complex DevOps environment**: Navigating a modern DevOps environment with multiple teams of professionals and numerous tools such as JIRA, Git, and Kubernetes is challenging.

- **Data silos**: Information gets trapped in tool data silos, making it difficult to connect the dots between different activities.

- **Real-Time data visibility**: The inability to see real-time data across different stages of the development pipeline makes it difficult to track progress and identify bottlenecks.

- **Root cause identification**: Scattered information makes pinpointing the root cause of problems time-consuming, resulting in delayed resolution and increased downtime.

Solution

- **Real-time data streaming**: Using Kafka, our application ensures continuous and instant data updates across the DevOps ecosystem.

- **Extensible knowledge graph**: Seamlessly connects and contextualizes data from all source systems, providing deep insights and a platform for cross-domain querying.

- **Key metrics dashboards**: Essential, meticulously designed dashboards display release calendars, deployment and release progress, service relationships, and code quality metrics to improve project oversight and efficiency.

Benefits

- **Progress Overview**: The predefined web interface provides a high-level view of each release's progress. Stakeholders can track critical metrics to ensure that each phase of the release cycle is under control and moving forward as planned.

- **Team collaboration**: Centralizing data and providing a unified view across all tools fosters better collaboration, resulting in more cohesive project execution.

- **Effective troubleshooting**: The integrated data in the knowledge graph helps teams quickly identify and resolve issues.