

DAKSHA TALEKAR

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GitHub: <https://github.com/coding-ship-it>

SKILLS

Programming & Backend: Java, C++, Spring Boot, REST APIs, Microservices

Data & Infrastructure: Kafka, Flink, Apache Iceberg, Elasticsearch, MongoDB, Scylla, Hive, Docker, Kubernetes, Vault

DevOps & Tooling: Git, Spinnaker, Jenkins, Mockito, Playwright, DataDog, Splunk, IntelliJ IDEA, VS Code, JIRA, Confluence

WORK EXPERIENCE

Experia Group – Software Development Engineer I

Sept 2023 – Present

- Spearheaded the development and enhancement of a self-serve data platform (IDS), onboarding **28+ datasets** via unified APIs and driving **80% adoption** across Lodging, Marketing, and Trips.
- Engineered Merlon, a Zanzibar-inspired relation-based fine-grained authorization system, **reducing policy misconfiguration incidents by 30%** and securing sensitive attribute access across datasets.
- Automated CI/CD pipelines for Flink applications with GitHub Actions and Spinnaker, creating reusable Docker base images, **cutting deployment effort by 40%** and reducing onboarding time for new Flink apps from over a **week to a single day**.
- Built DataSync, a real-time CDC data synchronization pipeline using Kafka, Flink, and Apache Iceberg, enabling advanced data versioning and separate PII vs non-PII retention policies, **reducing sensitive data exposure by 40%**.
- Developed a unified integration testing framework for batch and GDPR cleanup processors, including Spark-based tests with Hive, generic containers, Scylla, and Elasticsearch, **improving debugging speed by 75%** and reducing manual testing effort.
- Implemented Playwright-based automated UI tests for Data API SDK, cutting manual UI testing time by **2 days** per release and increasing successful **UI feature deployments by 85%**.
- Redesigned backend APIs and Data API SDK UI flows to simplify frontend integration, eliminate the deployment-service bottleneck, and strengthen search capabilities, **achieving 99.9% UI uptime** and zero migration incidents.
- Led cross-timezone collaboration with UI and consumer teams to clarify IDS feature requirements and intake patterns, taking end-to-end ownership over two quarters to merge almost all IDS backend capabilities into the UI and act as **SME** for this area, which contributed to a performance award for exceeding expectations.
- Handled a critical P1 production issue for consumer dataset availability by identifying discrepancies between Kafka, landed tables, and Data API; coordinating with replicator and NoSQL teams; scaling replicator tasks and Elasticsearch shards; and restoring data with defined **MTTD (3–5 hours)** and **MTTR (12 hours)**, setting a clear benchmark for future incidents.

Vodafone Intelligence Solution – SDE Intern

Jun 2022 - Sep 2022

- Engineered a web platform to digitize and centralize blood bank data using HTML, CSS, JavaScript, and MySQL, improving **retrieval speed by 40%** and reducing **manual errors by 60%**.
 - Collaborated with a 4-member team to design, build dashboards, and deploy the solution, enabling instant data access and ensuring scalability and usability.
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EDUCATION

B.Tech in Electronics and Telecommunication

Aug 2020 – Mar 2023

MKSSS'S Cummins College Of Engineering, Pune

ACHIEVEMENTS

- High Five Award and Travel Award for impactful contributions on the IDS project and consistently exceeding team expectations.
- LPF Scholar 2020; Volunteer at U & I organization.
- Google Kickstart Participant, 2022.