CASE STUDY

FOR A LEADING AI ORCHESTRATION PLATFORM AND CLOUD-NATIVE
MANAGED MESSAGING SOLUTION PROVIDER

Improwised
TECHNOLOGIES PVT. LTD.

Our Client

- Our client assists large enterprises in acquiring and implementing AI faster. They offer cloud-managed hosted services with a complex platform such as Apache Pulsar and Presto (Trino).
- Their requirement was for the creation of hosted services as well as the provision of a platform with backend and frontend support to run hosted Apache Pulsar as a service and Trino for their clients.

Goals

- Build a cloud-based services platform that will run Apache Pulsar and Presto (Trino) as services.

- Provide cloud service deployment on Google Cloud Platform, Microsoft Azure, and Amazon Web Services.

- Cloud hosting automation with flexible horizontal scalability.

- Integrate APIs, create billing and health checks.

- Build front-end and client-side interfaces, as well as backend management services.

Strategy & Objectives

- Develop a cloud-hosted service to run Apache Pulsar & Trino.

- Develop a front-end client UI & backend management services.

- Create a usage-based billing module.

- Develop a health monitoring & fault-tolerant system.

- Requirement of GCP, Microsoft Azure & AWB compliant services platform

- Provision-based pricing to choose custom-tailor packages.

Services Offered

- Developed cloud-hosted services to run could native, distributed, pub-sub messaging, SQL query engine, and streaming platforms.

- Developed custom tailor packages for services, and usage-based billing module.

- Developed a cloud hosting automation with flexible horizontal scalability.

- Developed a fault-tolerant system, and health monitoring notification.

- Interactive client UI

- Developed a GCP, Microsoft Azure & AWB compliant platform.

Value Delivered

- We are handling the client's backend management and services now so, that the client is focusing on business development.

- Build cloud-hosted services to support native, distributed, pub-sub, and streaming platforms.

- Development of a front-end client UI and backend management services.

- Implemented a usage-based billing module.

- Built a fault-tolerant health monitoring system.

- Compliant with GCP, Microsoft Azure, and AWB services.

- Provision-based pricing to choose custom-tailor packages.

- Provision of API Key.

- SaaS Product development to deployment on cloud-hosted managed services.

Contact Us

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