

Hack to Hire 2024

Case study for full stack developer

Problem Statement: Flight Status and Notifications

Description: Develop a system to provide real-time flight status updates and notifications to passengers.

1. Features:

- a. Real-time Updates: Display current flight status (delays, cancellations, gate changes).
- b. Push Notifications: Send notifications for flight status changes via SMS, email, or app notifications you can use kafka, RabbitMQ , etc.
- c. Integration with Airport Systems: Pull data from airport databases for accurate information, we will give you mock data.

2. Technologies:

- a. Frontend: HTML, CSS, React.js .
- b. Backend: Python, Go, Java.
- c. Database: MongoDB, PostgreSQL.
- d. Notifications: Firebase Cloud Messaging, kafka, RabbitMQ, etc.

3. How to share your solution?

- a. Upload your Code on GitHub Repository.
- b. Make your Git repo Public and share the link in the Microsoft Form.
- c. Summarize your work in the readme, mention the tech stack front end and backend used in the project and additional tools and library you may have used.