

INTERNSHIP REPORT

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01.

INTRODUCTION



Introduction



PwC India

It is the second-largest professional services network in the world and is considered one of the Big Four accounting firms, along with Deloitte, EY and KPMG.



Technology Consultant

I got the opportunity to work as a technology consultant intern at PwC India through the on-campus drive. My base location was Kolkata.

02.

PROBLEM STATEMENT



Problem Statement

Our mentor assigned us the following problem

- To design a prototype which can act as a signaling system
- The model should respond to a trigger which can be caused due to any change
- The result should be broadcasted on web pages as notifications and hosted on Azure

The vital thing in my problem was to make the model have real-life functionalities

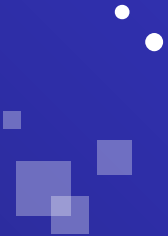
03. SOLUTION





Solution

- To make an event driven signaling system which can serve in industries like railways, logistics, regular offices etc.
- Any change in condition or occurrence of a particular event should trigger the system
- The notification should be sent through web to clients/receivers about the event.



04.

TECH STACK



Tech Stack



Service Bus

Managed messaging infrastructure for distributed applications.



Function App

Serverless compute service for event-triggered functions.

SQL Database

Azure's managed relational database service



Signal R

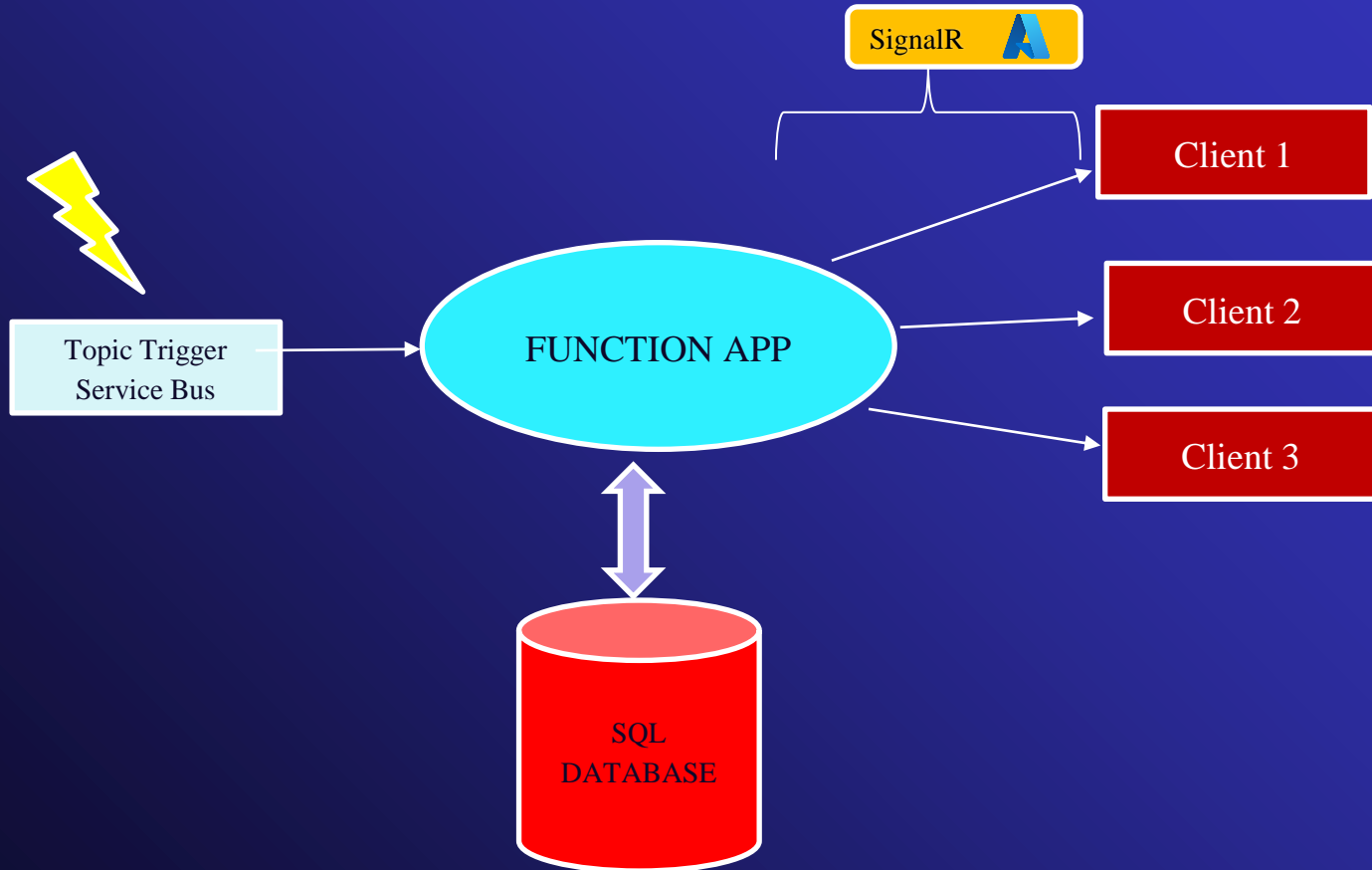
Real-time web communication library for interactive applications.

05.

IMPLEMENTATION



Implementation



06.

CONCLUSION



Conclusion

I learnt a lot about Azure services, real time projects implementations and collaboration as a team to work on Projects.



The Directors in the company were impressed with our team's presentation. I was happy to have made my starting journey into the professional sphere.

“SUCCESS IS NOT
FINAL, FAILURE IS
NOT FATAL: IT IS THE
COURAGE TO
CONTINUE THAT
COUNTS.

—Winston Churchill



Thank you!

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