

CONF42

Building Resilient Systems with Serverless Web Development.

Speaker: **Olumide Akinremi**

CONF42

~whoami

Technical Team Lead @ **Sabi**



@akinmyde



<https://www.linkedin.com/in/akinmyde>



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What is Chaos Engineering?

“Chaos Engineering is the disciple of experimenting on a system in order to build confidence in the system’s capability to withstand turbulent conditions in production”

- Wikipedia

Chaos on the Frontend

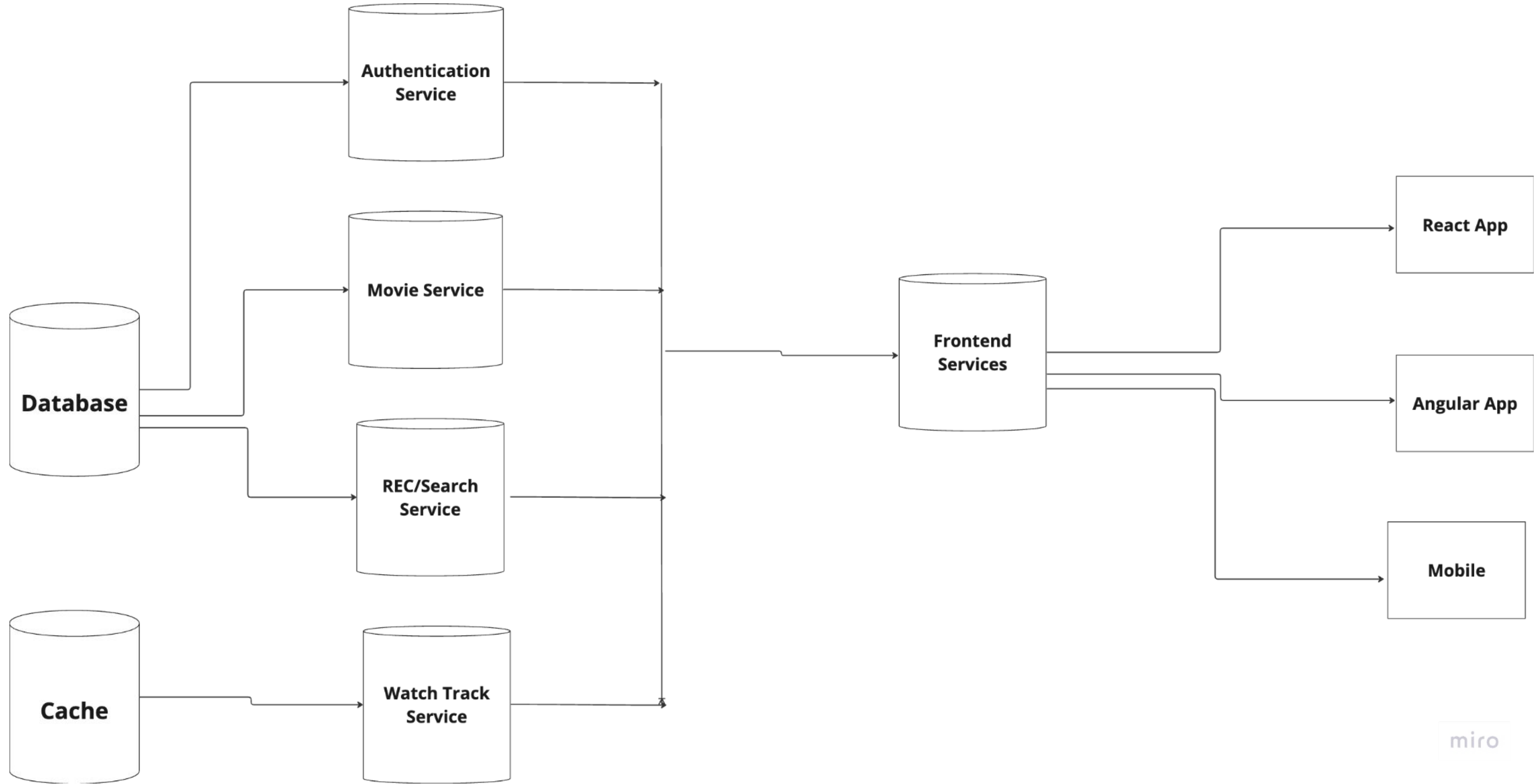
Deliberately introducing issues into your frontend to observe potential problems and assess how your application responds.

Chaos on the Frontend

> Introducing additional features doesn't enhance the resilience of your system; in fact, it can lead to increased disorder and difficulty in management. Despite having robust tests in place, the system may experience unexpected issues and breakages.

> The frontend poses greater challenges compared to other environments due to the necessity to address a multitude of factors, including JavaScript engines, plugins, accessibility, viewports, latency, styling issues, internationalization, and multi-tenancy.

Handling Failures and Building Resilient Systems



Deep Dive

A LinkedIn use case



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Olumide Akinremi

Technical Team Lead @ Sabi |
Building and Scaling eCommerce
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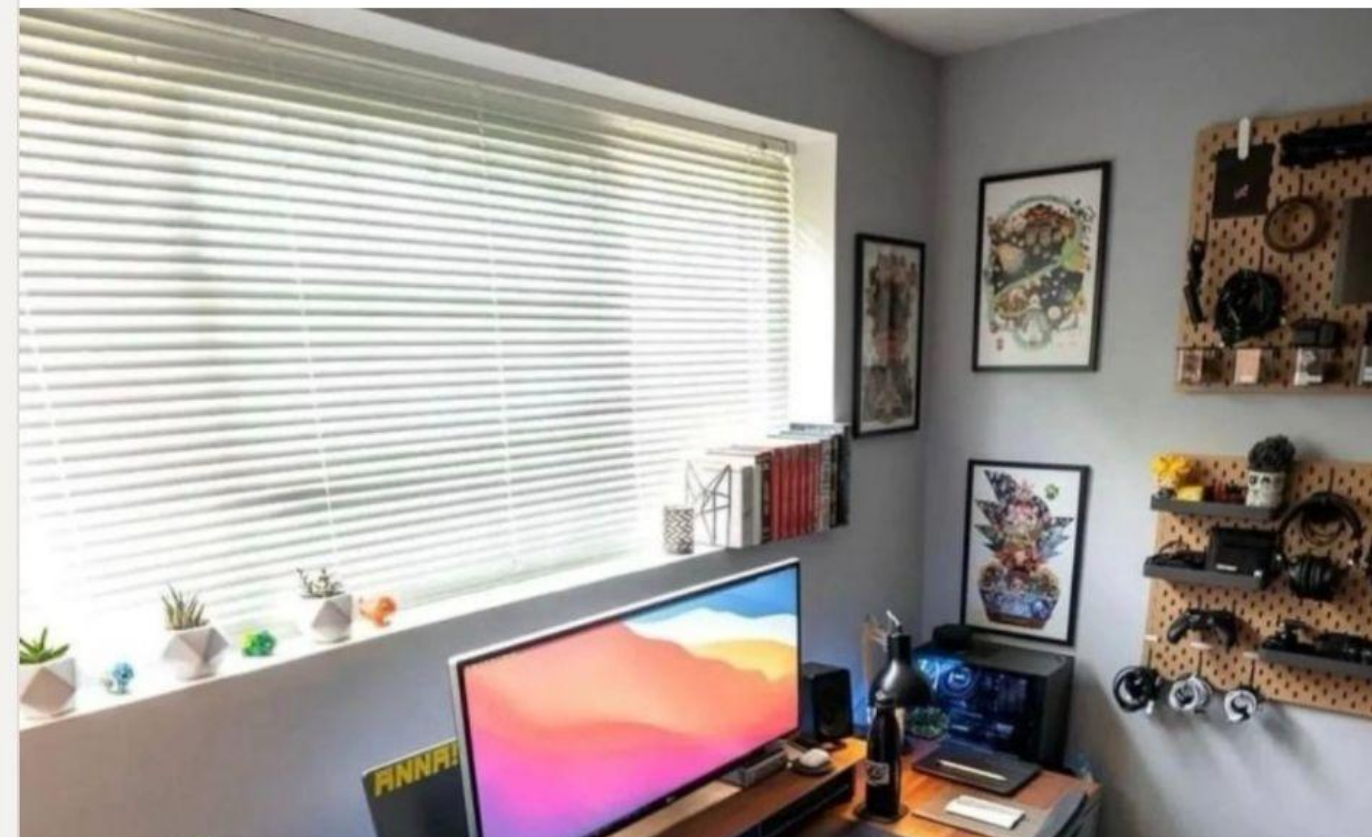


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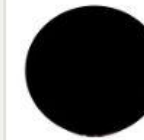
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Deep Dive

Focus on what will fail and how it should fail.

How can I create chaos?

Chaos Monkey



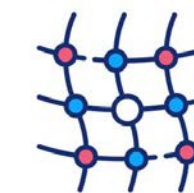
Azure Fault Analysis Service



Gremlin



Chaos Mesh



Chaos Mesh

Questions?



Thank you!

