A Content Distribution Case

By
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Challenges

I've never coded .Net or C# prior to this case.

Collab: **Be honest of my shortcomings to the team. But reasure them I pick up new languages quickly**

So what do we have here?

A system specified by a one-liner and some Json examples.

Pretty much how most systems are designed and built.

Collab: **Talk the spec through with product, and nail the key features**

The toolbox

Containers
Github
A pipeline for Continous Integration
Unit tests
Database migrations
Swagger & OpenAPI
Observability -> Prometheus and OpenTelemetry

Collab: *I would reach out to infrastructure or platform, to learn about what you have in place*

The App

Did I complete the task?
Nope.

Am I happy with what I've shown?
Yes absolutely.

Mentoring

Keeping it simple.

Always test your code.

Make sure it keeps working (CI).

Embrace new things and experiment.

Reflections

This is my first .Net and C# web app **EVER**

There were some obstacles, but great fun.

I'm positively surprised by the .Net framework.

Could have's/should have's

Yes I could have built everything SQS, DocumentDB,
Lambdas, and hosted binaries on S3 with IAM protection policies and whatnot.

Way to much stuff that can break for a presentation such as this.

Questions?

Thank you