

CASE STUDY OF

APPLICATION DEVELOPMENT & MODERNIZATION

One of the largest digital media house in India

The client is a Global Content Company with a strong presence across broadcasting, digital, movies, music and live entertainment. Spread over 190 countries, connecting and entertaining over 1.3 billion people globally, client has been powering the Media & Entertainment space across the world for nearly three decades.

Business Challenge

01

Code quality improvements

02

Testability improvements at all development/ testing phases.

03

Automation of testing

04

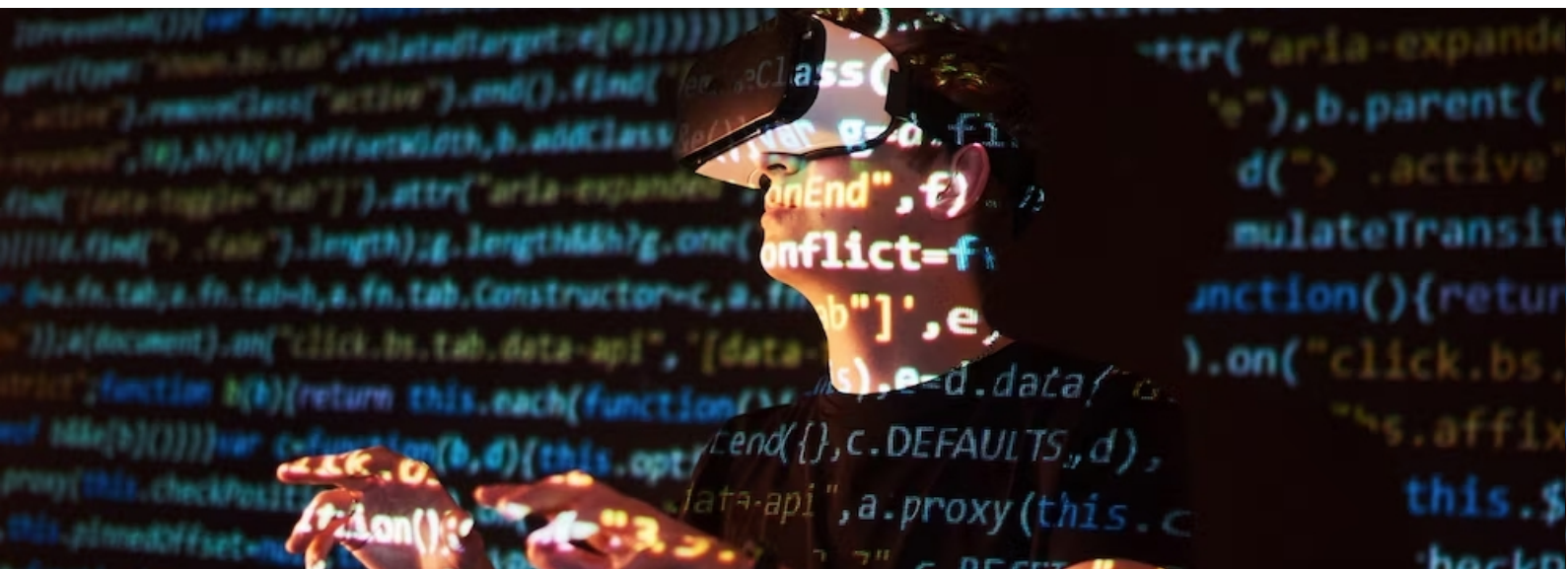
Code Separation

05

Build and deployment automation

06

Modern scalable architecture approaches



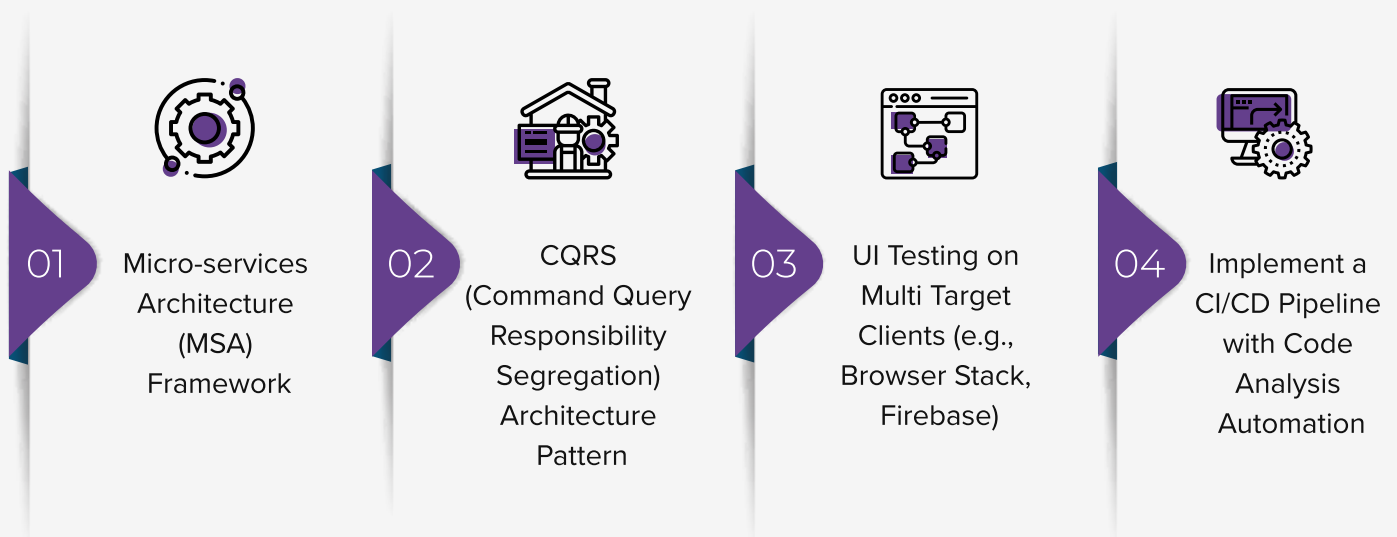
- Microservice architecture using ASP.Net Core using C#.
- UI with flutter Web.
- Deployment using AKS and docker using Azure Container.
- Built NuGet packages for common library.
- Microsoft OAuth Authentication for SSO.
- Token based Authentication.
- Logging using Azure App Insight.
- Azure Key Vault cloud service for securely storing and accessing secrets.

Execution

- 👉 Establish a Complete Agile process using Azure and get stakeholder buy in.
- 👉 Implemented Dev Ops using Azure Dev Ops, AKS and ACR.
- 👉 TDD and code analysis evangelization.
- 👉 Specify coding standards and test coverage metric goals.
- 👉 Setup and agree on incremental goals and timeline for compliance to metrics.
- 👉 Create a test strategy document with standards for test automation strategy, planning, and scripting.
- 👉 Define Automation strategy and tooling. System, performance, and API testing Postman.



Capability & Competency



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