Module federation (MFE) and Micro-frontend Architecture High Level Design

MFE Software Architecture Concept

Shell (Host)

Header MFE (Remote)

Top Navigation Bar MFE (Remote)

Side Bar MFE (Remote)

Main container (place holder) MFE
Tableae, BI Reports, Corona Dashboard (Remote)

1. Create an entry point as the name you place in Module Federation Plugin - Shell
2. Create Remote Apps (Header, Container, Sidebar) and plugin under shell module
3. Deploy Production Combined apps under shell into one production bundle

MFE CICD Pipeline concept

Source control (GIT)   Build and Test Azure DevOps Pipeline   Production   Combined apps compressed into one production code

Micrifrontend 1

Micrifrontend 2

Micrifrontend 3