



DSy Challenge Task

FS23 - Gruppe 24/25

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Ablauf



Applikation



Architektur



Infrastruktur



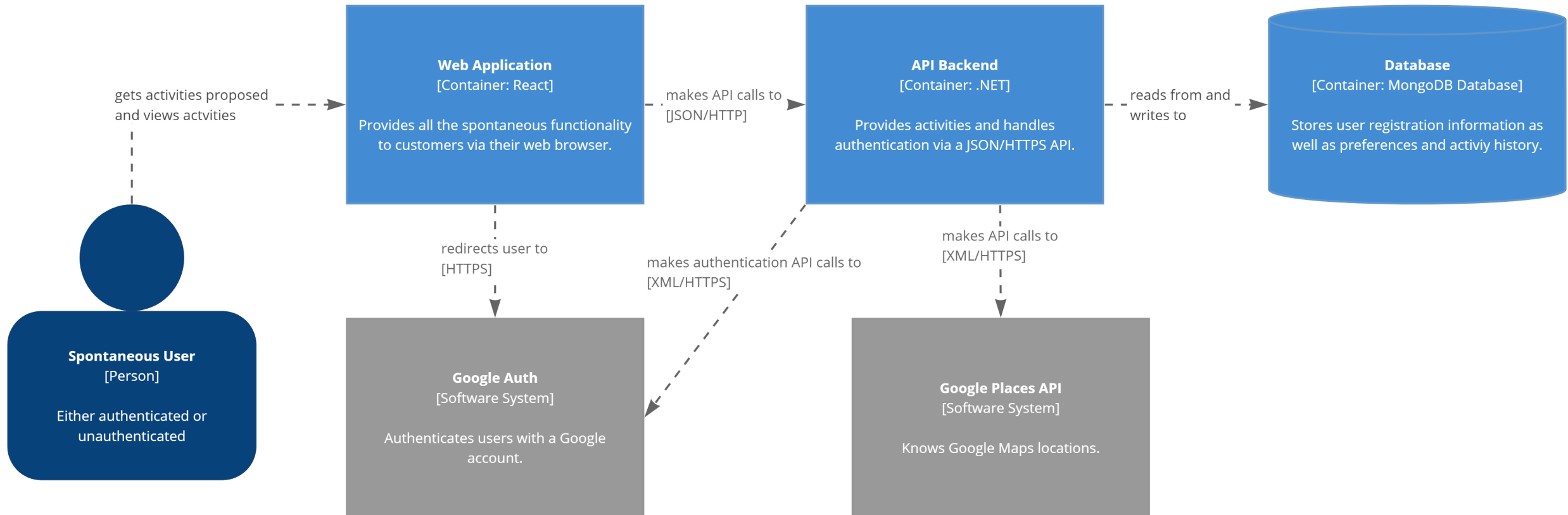
Demonstration

Applikation

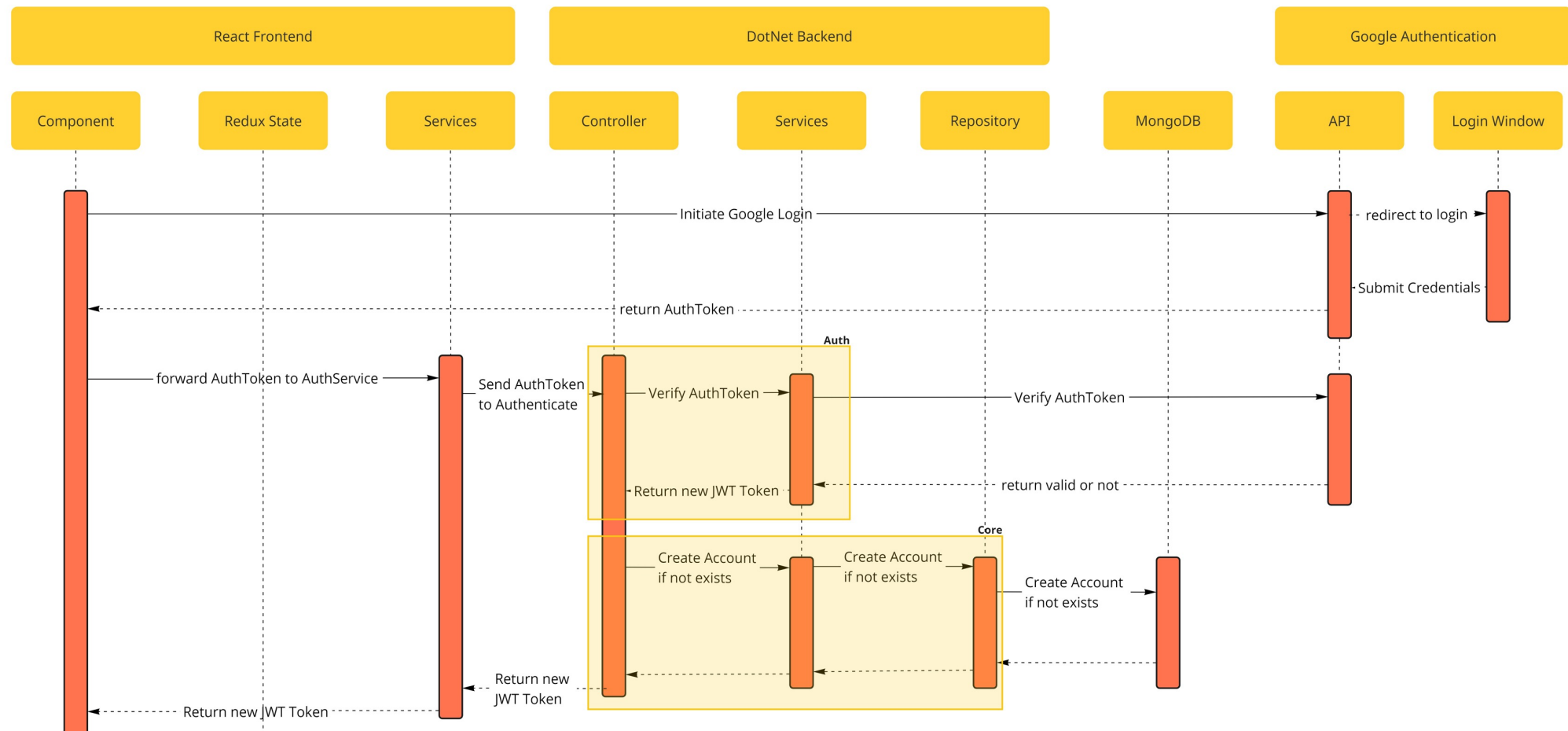
- React v18 Frontend
- .NET Core v7 Backend
- MongoDB v6 Database
- Google Places API & Identity API



Architektur - Applikation



Architektur – JWT Authentication



Architektur - Kubernetes Cluster

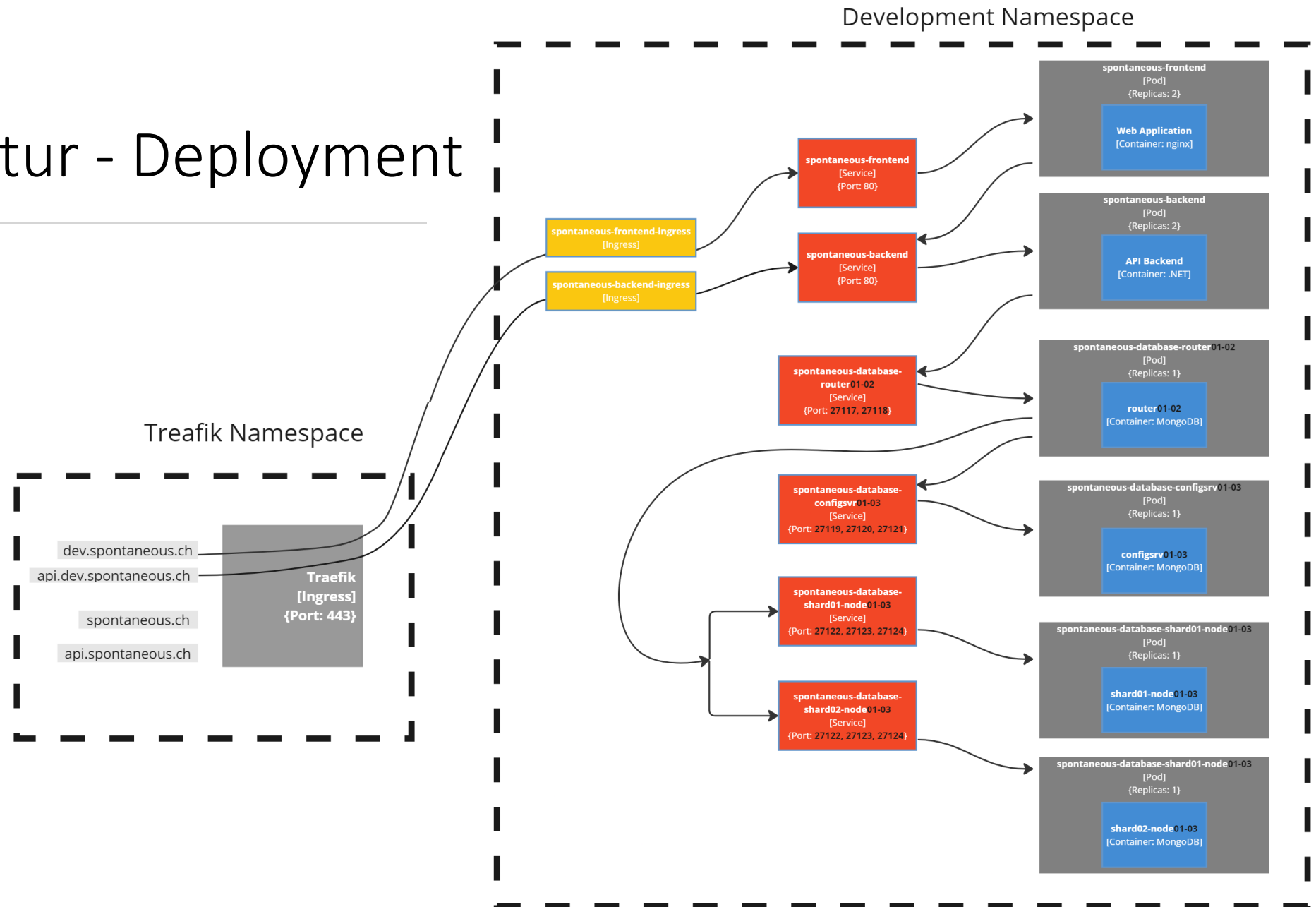


Google Kubernetes Engine

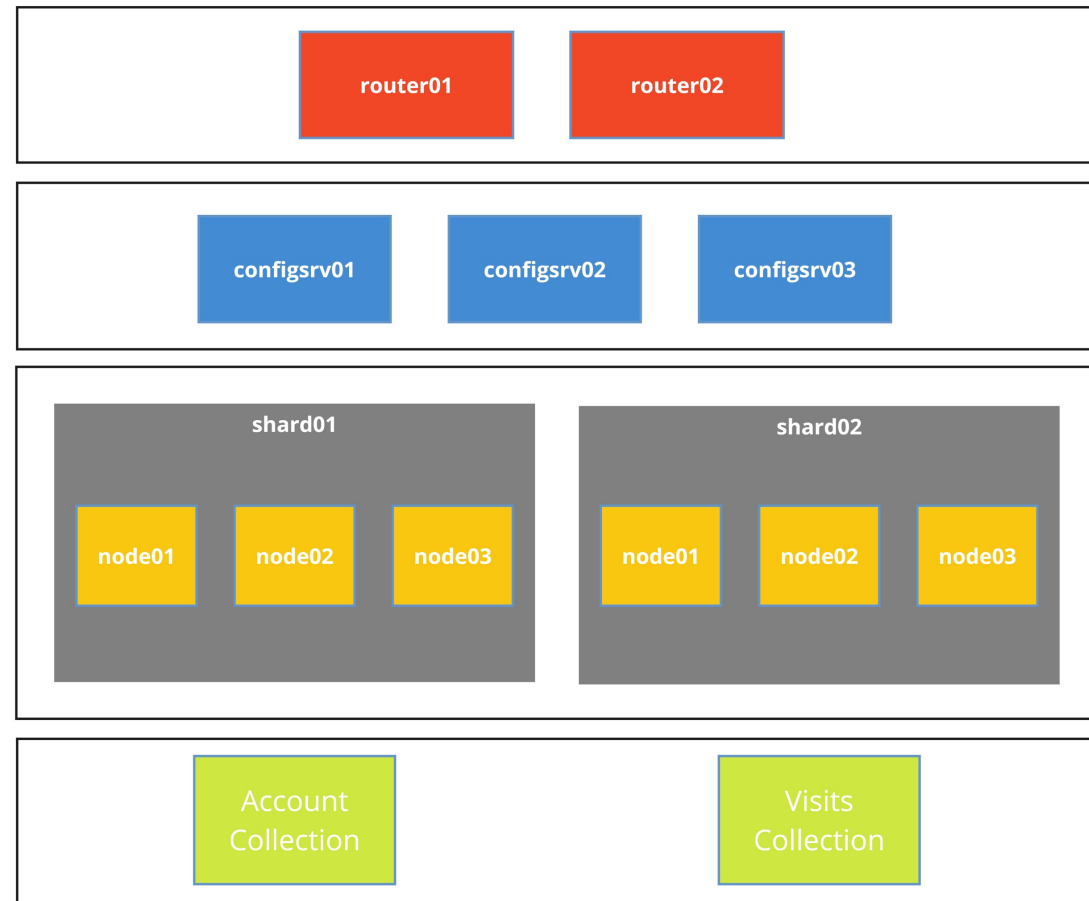


3 Nodes

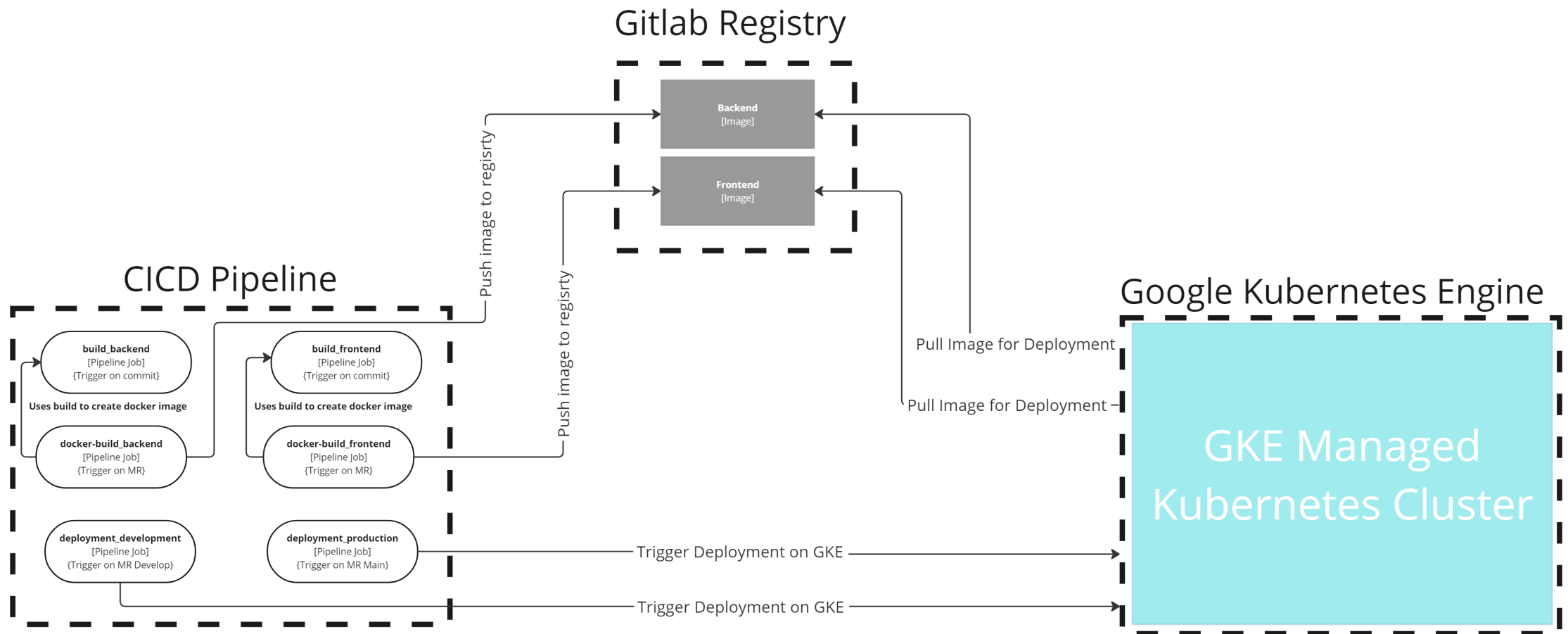
Architektur - Deployment



Architektur – MongoDB Sharded



Architektur - CI/CD



Demonstration

- Google Kubernetes Engine
- Traefik HTTP3
- Sharding

<https://dev.spontaneous.ch/>

