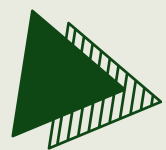


INNOVATION INSIGHT

Group Project results



**Building
Blocks**

Dimitar Atanasov
Ivan Bakalov
Grigoriy Nikolov
Ivaylo Chevargankiliov
Abdelrahman Elsayed

WHAT IS THE GROUP PROJECT ABOUT?

- Creation of reusable Backstage building blocks.
- Designed as standalone, configurable components.
- Aimed to avoid duplicate work across teams and semesters.
- Built with real project needs in mind.
- Focus on quality, consistency, and reusability.
- Intended to support future scalability.

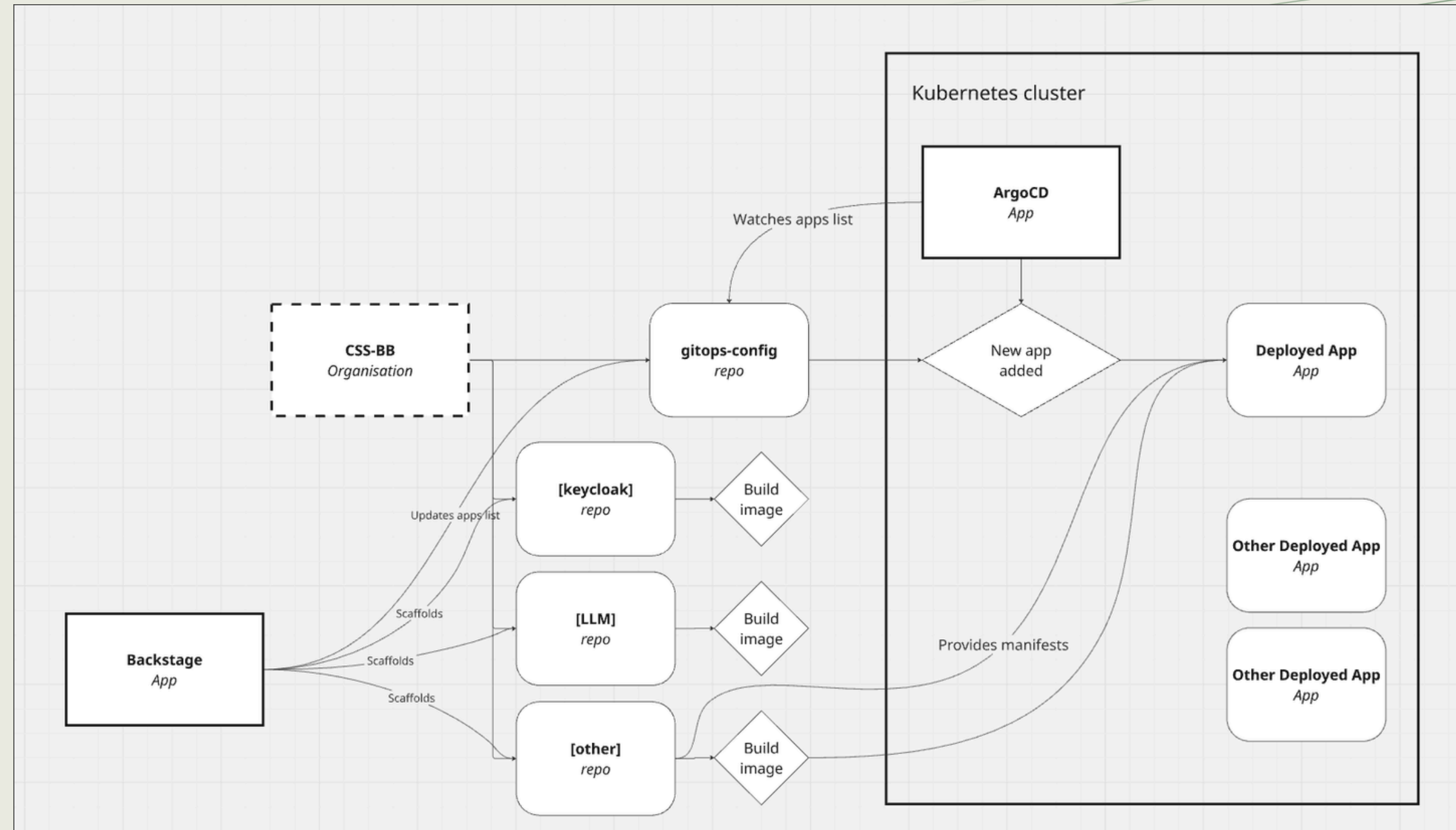
WHAT IS BACKSTAGE?

- Backstage is an open-source developer portal by Spotify
- It centralizes services, tools, documentation, and templates in one place
- Helps teams standardize development and improve developer productivity

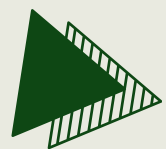
GROUP PROJECT ACHIEVEMENTS

- Make an Authentication building block using keycloak.
- Communicate with the virtual human group and make beneficial building blocks.
- make a virtual human LLM building block.
- Make a virtual human sensory pack building block.
- Document the Virtual Human related building blocks in Backstage.
- ArgoCD deployment on Kubernetes (k8s)

ArgoCD DEPLOYMENT PIPELINE



Thank you.



**Building
Blocks**

Dimitar Atanasov

Ivan Bakalov

Grigoriy Nikolov

Ivaylo Chevargankiliov

Abdelrahman Elsayed