**Kubernetes considerations**

* Package both frontend and backend apps into Docker containers, ensuring they are lightweight.
* Define deployments for each app, services and ingress controller to manage external access to the frontend service.
* Define resource requests and limits for each container.
* Store configuration data and sensitive information in configmaps and secrets
* Implement RBAC
* Use PersistentVolumes and PersistentVolumeClaims for database storage.
* Prometheus and Grafana can be used for monitoring.
* Ensure deployment is scalable.