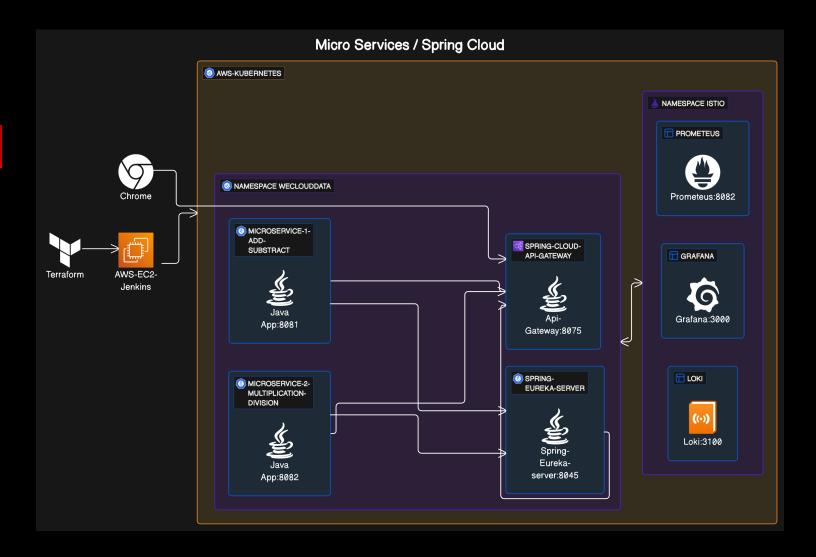
SPRING BOOT GLOUIT NETFLIX ON KUBERNETES ARCHITECTURF

SPRING CLOUD NETFLIX



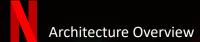
IN TRODUCTION

the architecture of a microservices-based system utilizing Spring Boot Cloud Netflix components, deployed on Kubernetes (K8S). The system is designed for high availability, scalability, and robust service discovery and monitoring.



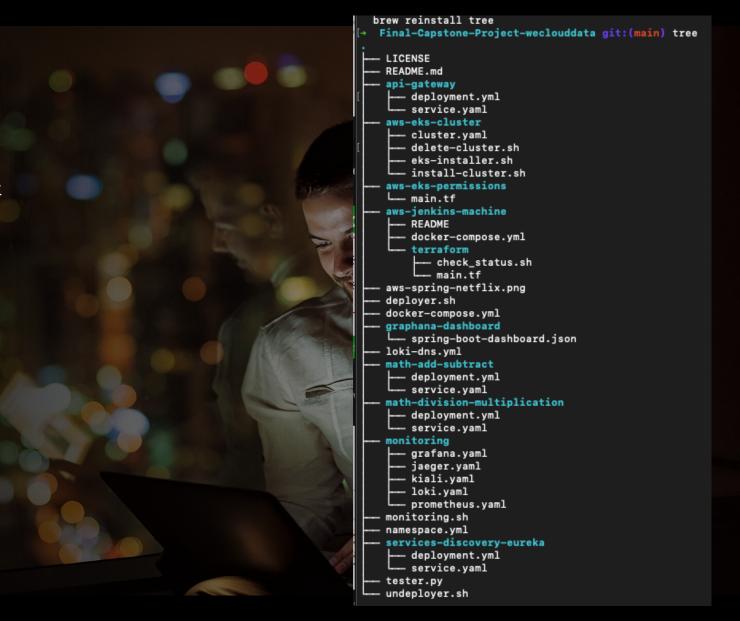
SPRING CLOUD NETFLIX



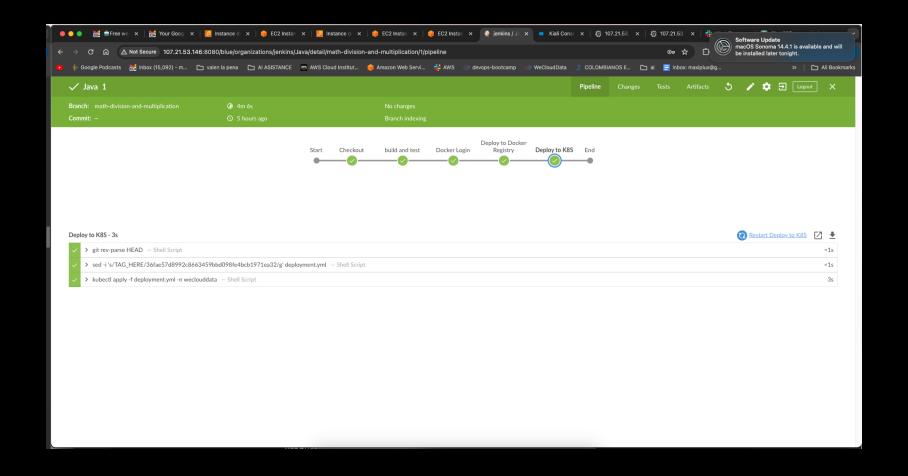


- Infrastructure Setup
 - https://github.com/maxiplux/Final-Capstone-Projectweclouddata/blob/main/README.md#architecture-overview
- Kubernetes (K8S)
- Microservices
- API Gateway
- Service Discovery
- Monitoring and Observability

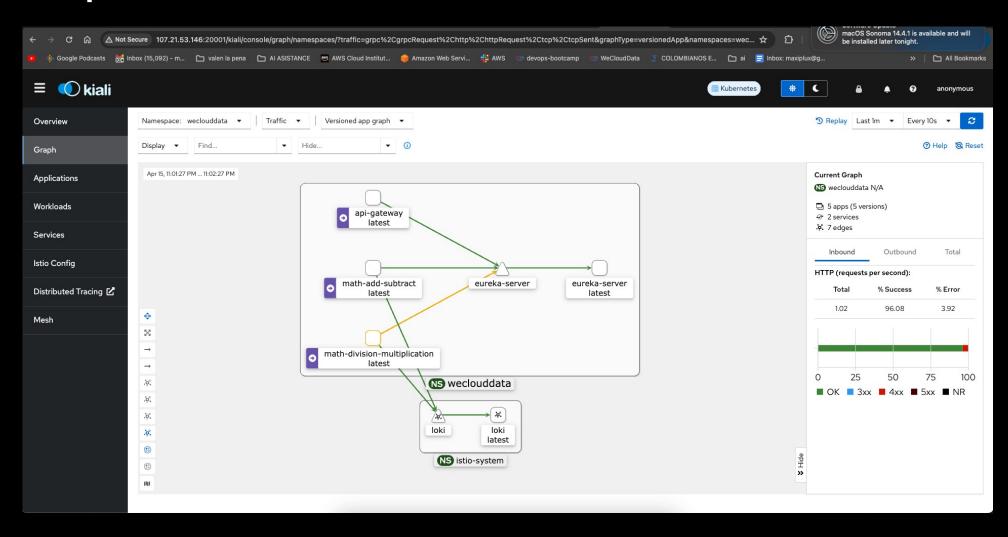


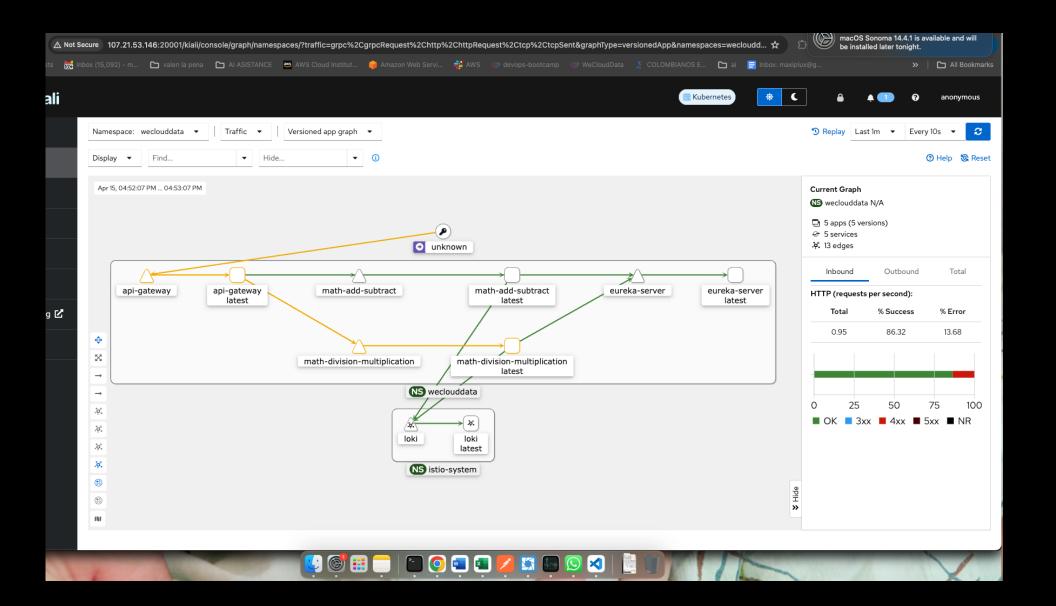


Components in action



Components in action





CONCLUSION

This architecture is designed to be resilient and flexible, enabling quick scaling and easy maintenance of the microservices. Monitoring tools ensure the health of the system is continuously observed, allowing for proactive management of the system's operations.



REFERENCES

- TEMPLATE
 - https://ppthemes.com/netflix-powerpoint-template/?fbclid=IwAR0DMqpBahQ-QUaXr6FQMUp1_fes0LmuOmrASC1w7aF94JHbv-KixOmKOYU aem Af1mG7rdTPdvijodH0rBf4jGsLNVR7jKJ5lvIn9OgT50ADfMgF3RCPbw3Gq9hx8AHc8&
- MICROSERVICES CODE
 - https://github.com/maxiplux/k8s-istio-math
- ISTIO
 - https://istio.io/latest/
- SPRING CLOUD
 - https://spring.io/projects/spring-cloud

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