Project Reflection

This project provided an opportunity to develop a deeper understanding of infrastructure provisioning through the combined use of Terraform and Docker. Engaging with provider configuration, modular design principles, and containerized networking enhanced my appreciation for the rigor and structure that infrastructure-as-code practices bring to system deployment. The process of diagnosing issues—such as provider inconsistencies, dependency conflicts, and pre-existing Docker networks—underscored the importance of precise state management and systematic environment validation. Overall, the project reinforced the value of methodical planning, disciplined troubleshooting, and iterative refinement in constructing reliable and maintainable deployment workflows.