

Overall this project taught me how to use Docker and Ansible together for deployment. I learned how to containerize a static web app with a Dockerfile and ensure it runs consistently across CentOS and Ubuntu. Writing Ansible playbooks showed me the importance of automation, especially in building and running Docker images on multiple VMs. I also understood how environment differences affect deployment and how Ansible variables solve that. Collaboration was key since each member contributed to different parts, and documenting everything made the process clearer. Overall, I gained practical skills in containerization, automation, and teamwork that I can apply to future projects. And also learn more about the containerization and the use of the dockerfiles on linux.