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Current occupation (Working Professionals - add current organisation & years of exp)	Student
Education Details (College Name - Degree Name and branch of engineering or other course/specialisation)	Pranveer Singh Institute of Technology
Technical skills with level (Mention tech skills/languages known and level - Novice/Intermediate/Expert)	Full Stack Developer – ->React +TailwindCSS + TypeScript [Intermediat] -> C++ , Java , Pyhton [Expert] -> AWS Docker [Novice]

Code Security and Container Image Vulnerability Scanning Approaches

Summary: Analysis of code and then set up security rules / policies, now code review (automated and manual) to check if rules are actually enforced. Now Fix what is broken (code fix, patches, architectural changes to eliminate or mitigate security risks. Create strong documentation for operations and development.

Project Detail

a) Project Overview:

Please list out your understanding of the project, any possible problems and solutions for the project

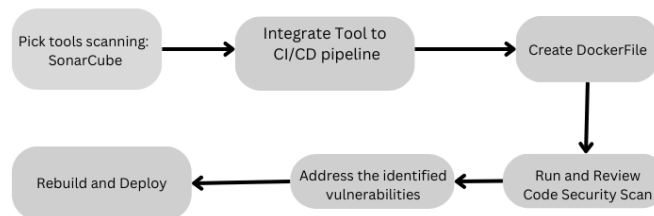
a) Understanding of the project

Implementing Docker container scanning for vulnerabilities is a crucial aspect of ensuring the security of your containerized applications. Docker image vulnerability scanning helps identify known security vulnerabilities present in the packages or dependencies listed within a Docker image. By performing vulnerability scanning, you can proactively discover and address these vulnerabilities before deploying or pushing the image to a registry.

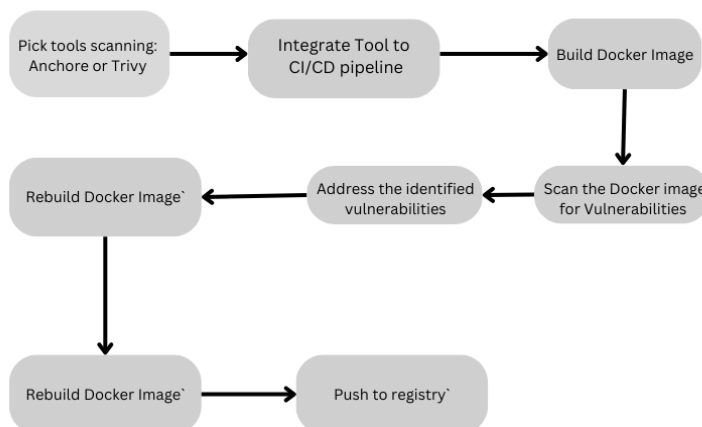
b) Solutions

Tools can help you automate the vulnerability scanning process and integrate it into your CI/CD pipeline. By regularly scanning your Docker images, you can identify and remediate vulnerabilities promptly, ensuring a more secure deployment environment for your containerized applications.

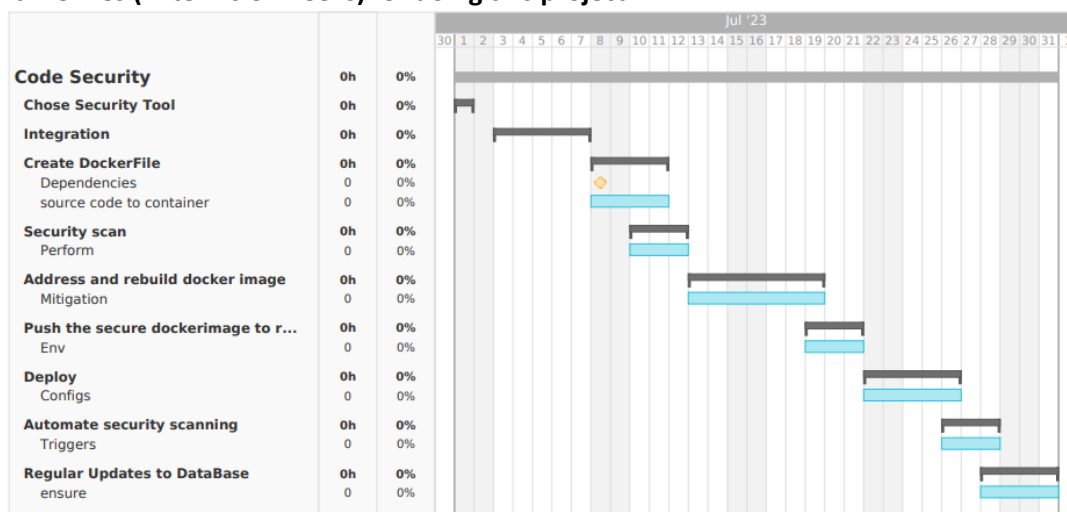
1. Code security scan on code



2. Container vulnerability Scanning



c) **Implementation Details with timelines:** Share the milestones you will achieve along with timelines (in terms of weeks) for doing this project.



Availability

The duration of the coding period is from July till August. Please share your availability in detail

Number of hours available to dedicate to this project per week	35 hours
Do you have any other engagements during this period? (projects/internships)	No

Personal Information

About Me: Creativity, curiosity and deep observation are my core strength. To secure a challenging role as team player in a reputed organization that allows me to utilize my skills, knowledge, and passion to contribute to the success of the company while continuing to learn and grow.

What is your motivation in apply to this project? Answer briefly in 3-4 lines.

->Working in team which work to solve problems for our country.

Previous experience/open source projects (Optional):

In this section you can your relevant work experience/projects (not just limited to open-source). You should mention experiences in this section if any with the relevant tech stack of the project

Project Name	Project Description	Links (if any)
Krida [Game Engine]	A DLL which add on to user project. Designed and implemented core engine functionalities, including physics simulations, rendering techniques, asset management, and scripting system.	https://github.com/OverlordYashSrivastav1/Krida
Personal Portfolio	Used React + WindtailCss + ThreeJS for 3D models.	https://relaxed-halva-bfcb2a.netlify.app/
Stock Price Forecasting	Utilized Python, TensorFlow, and Keras to implement and train the LSTM model, optimizing hyperparameters to improve prediction accuracy.	https://github.com/OverlordYashSrivastav1/Stock-Market-Forcastic.github.io