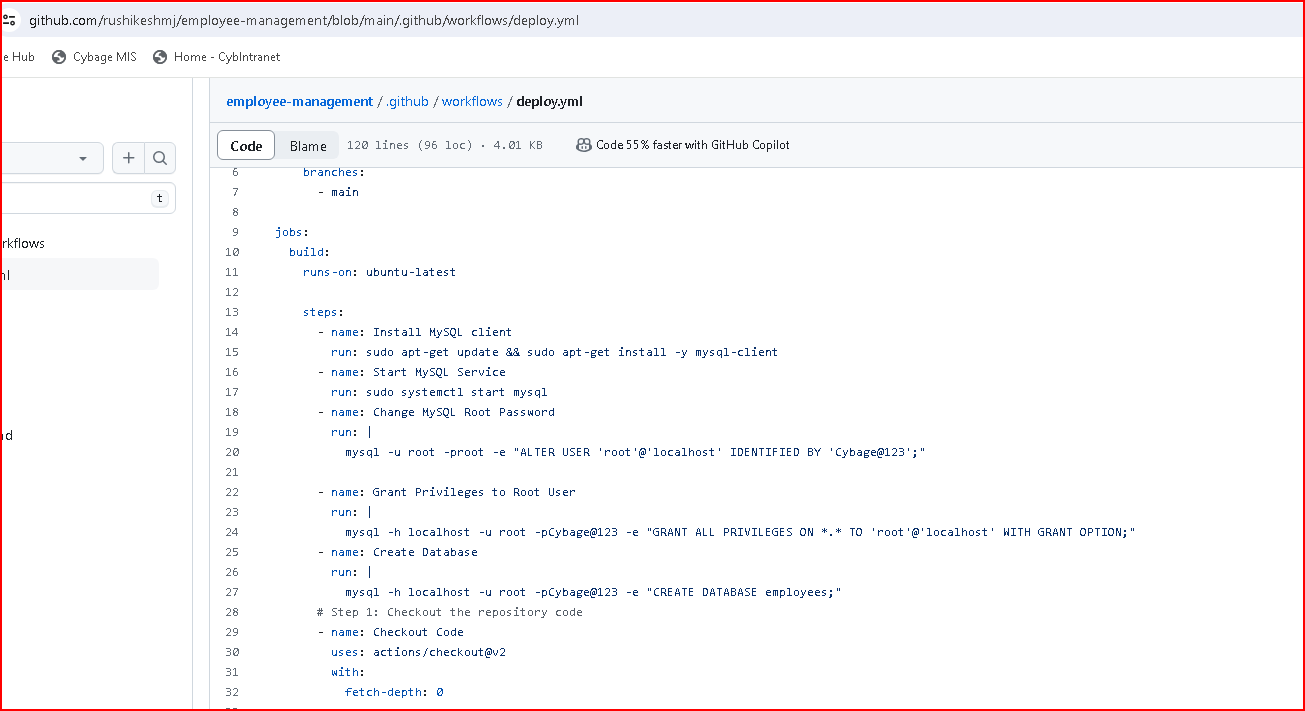
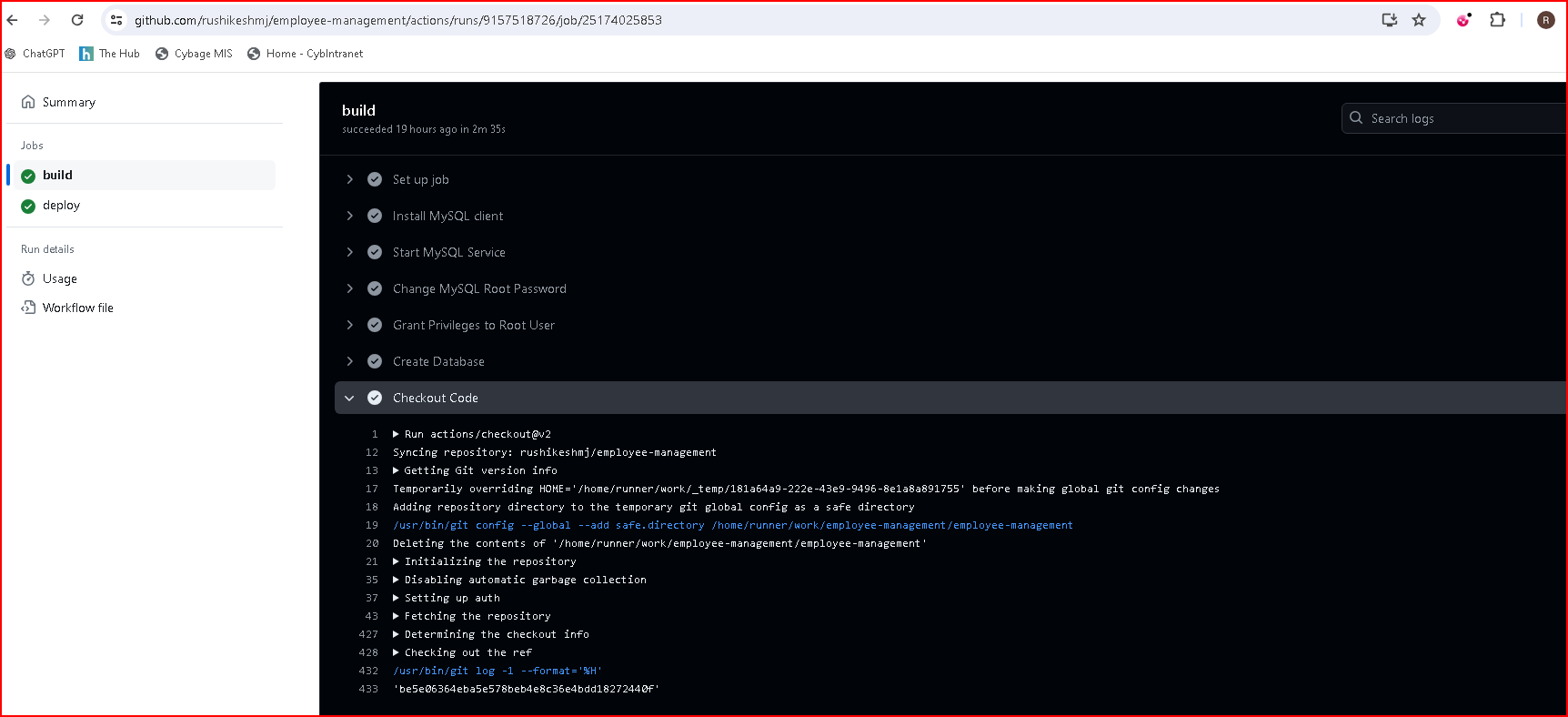
**Github Actions**

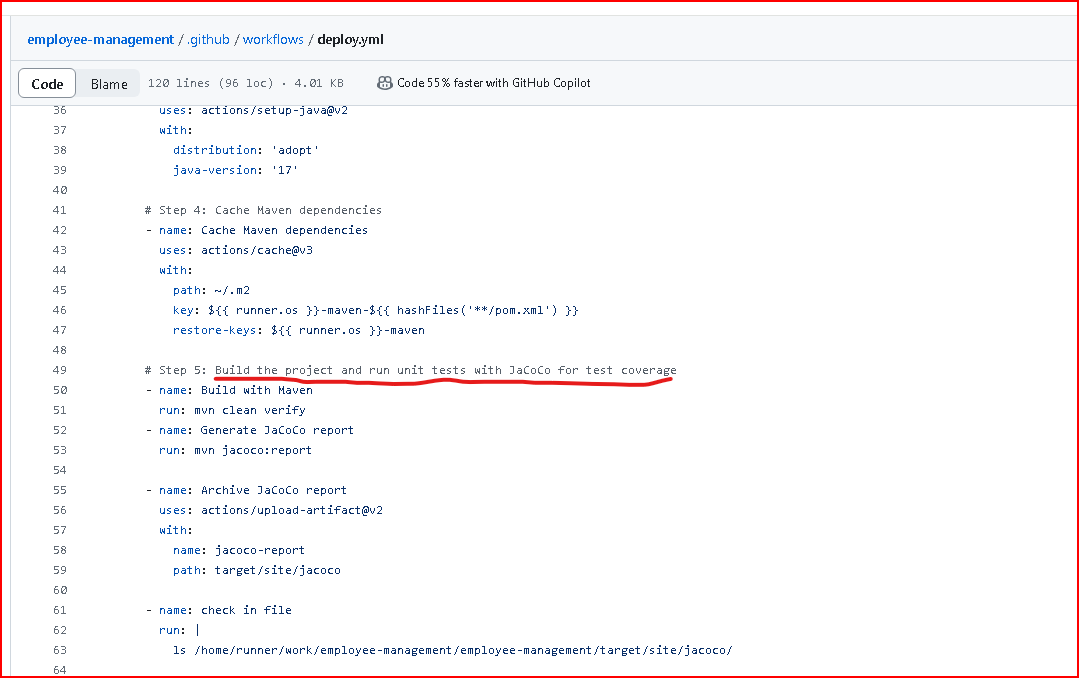
**1. CI steps for GitHub Actions workflow which includes**

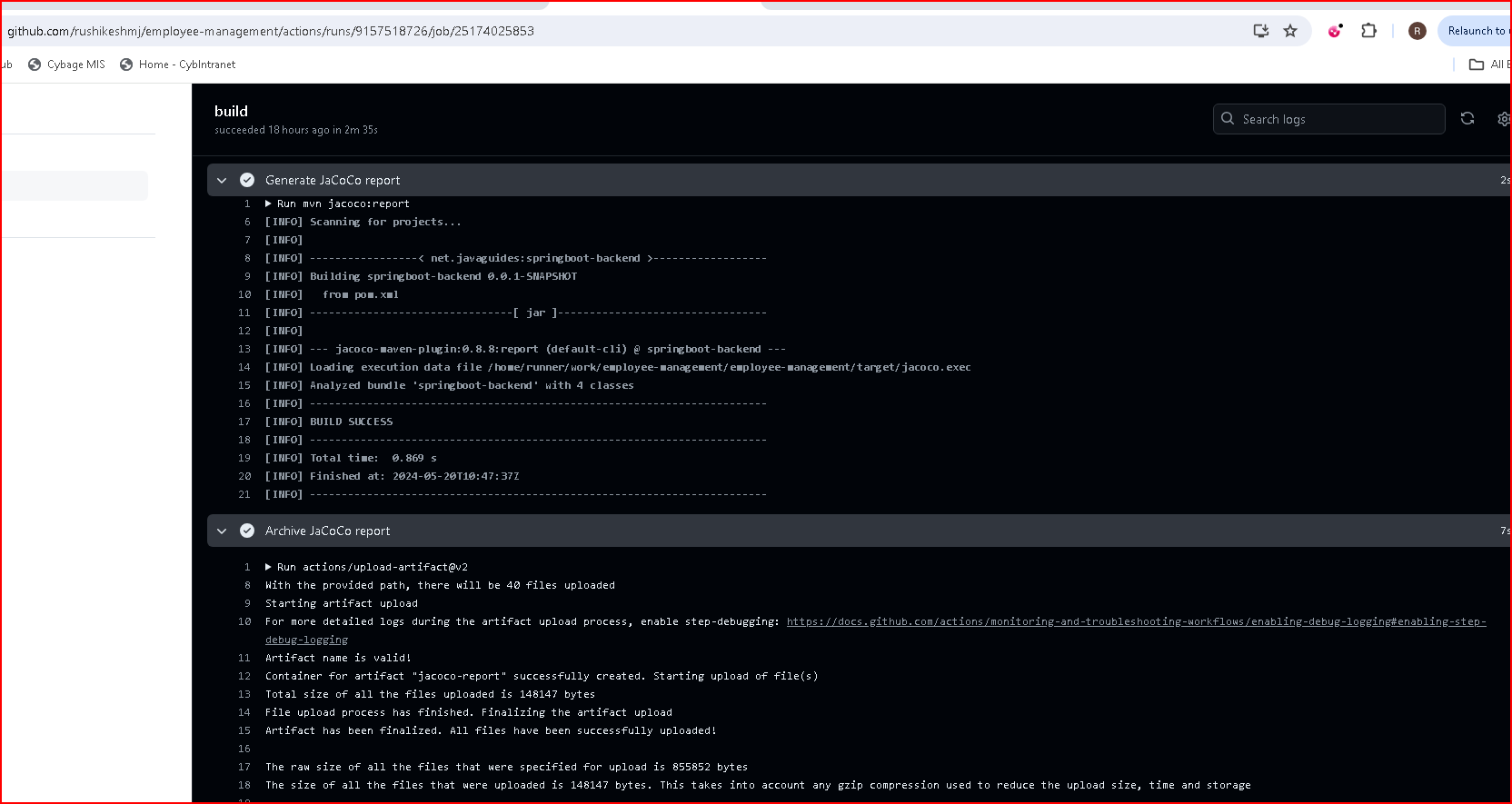
**I. Checkout code to repo**





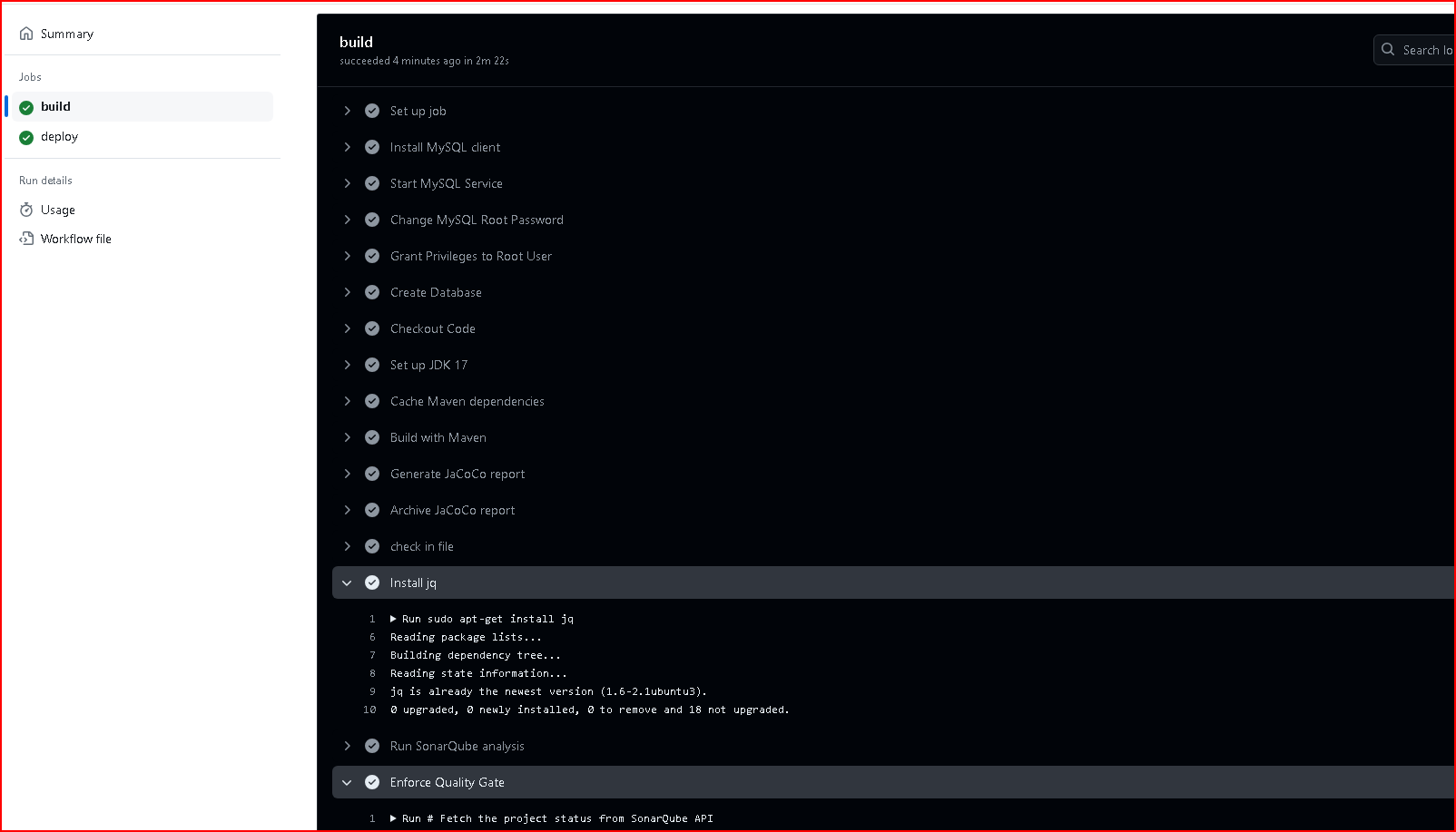
**II. unit testing & code coverage using jacoco**



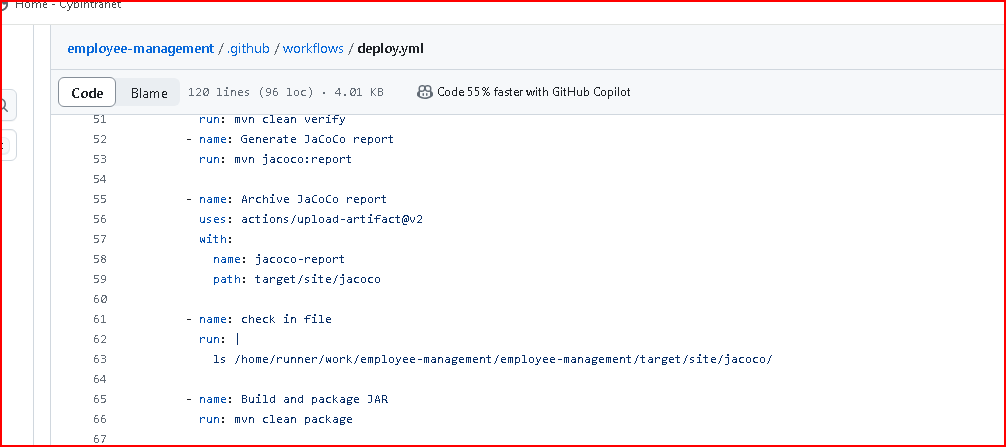


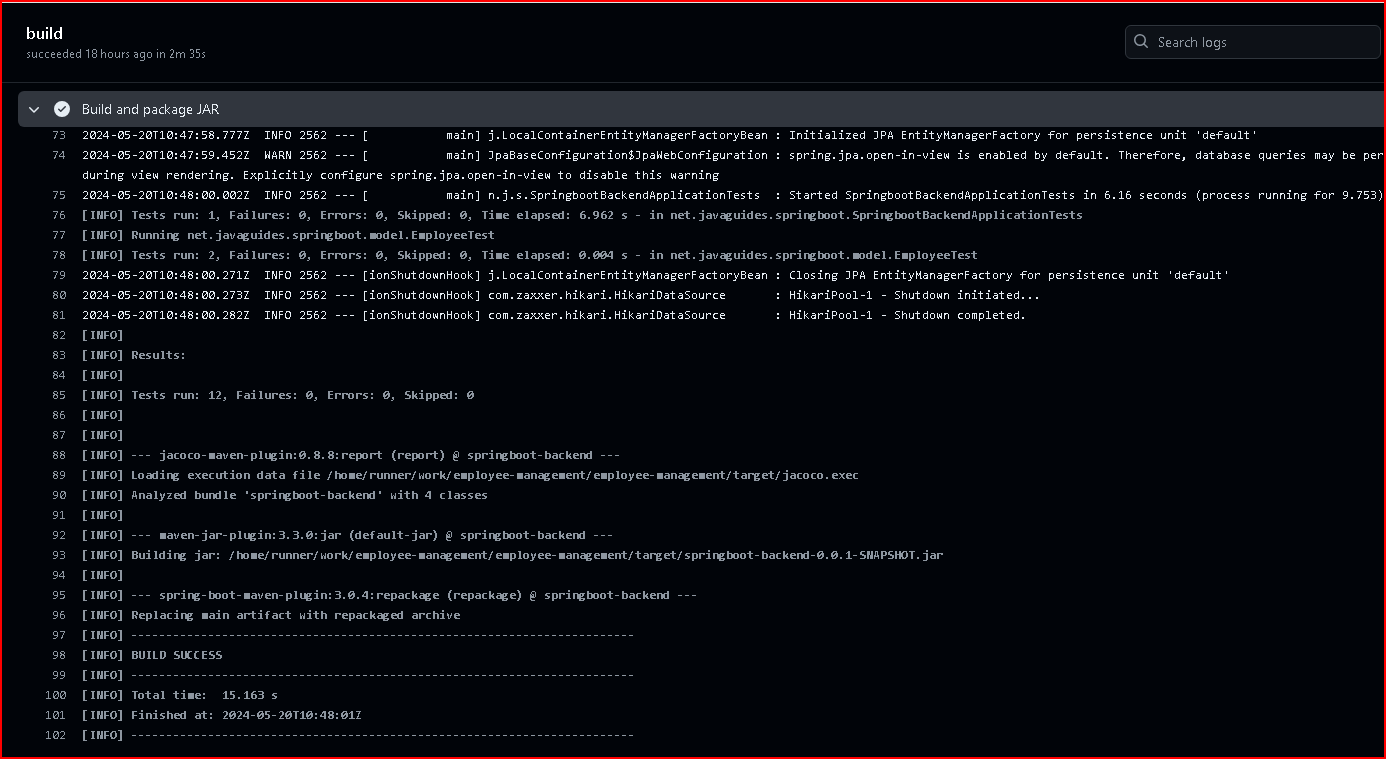
**III. SCA using sonarqube along with quality gates**



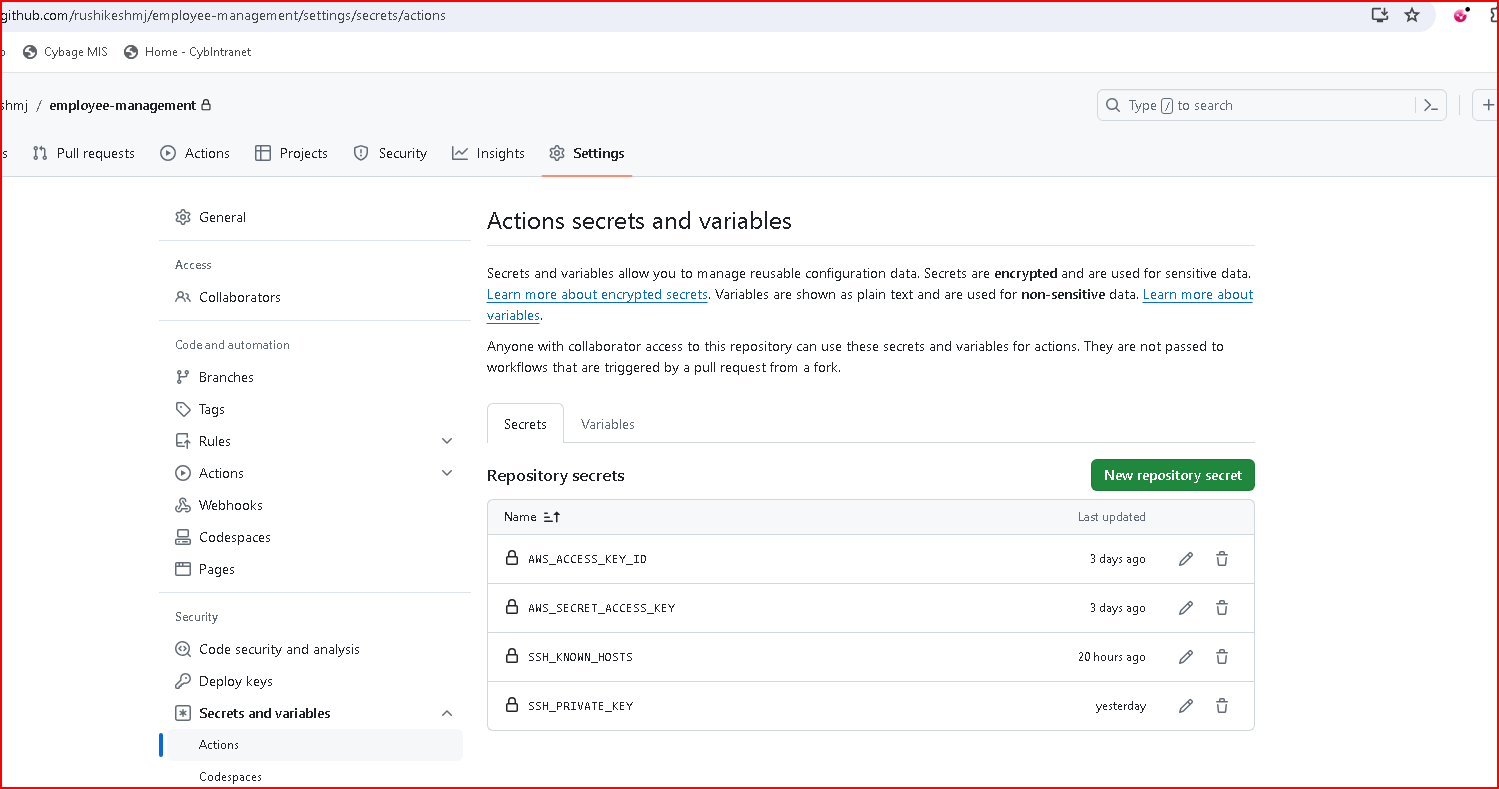


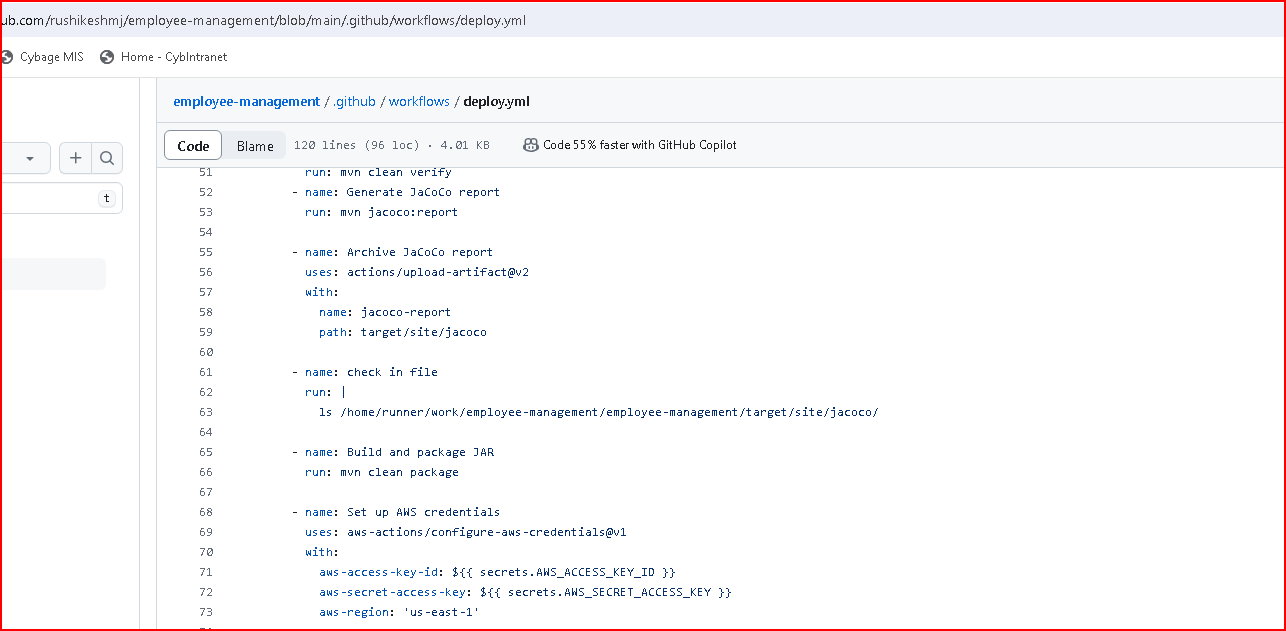
**IV. Build and package JAR**





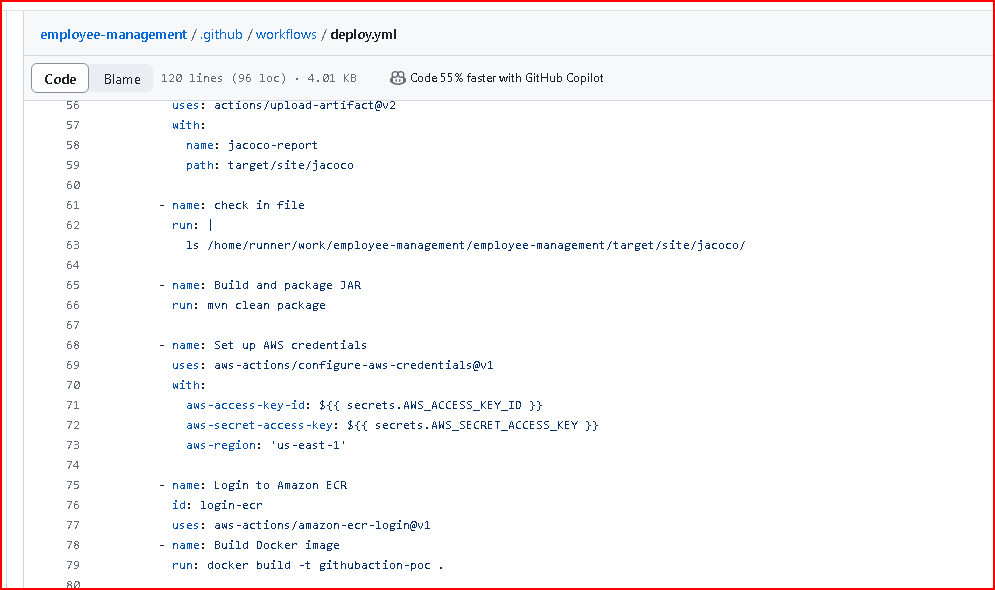
**V. Configuration of AWS**

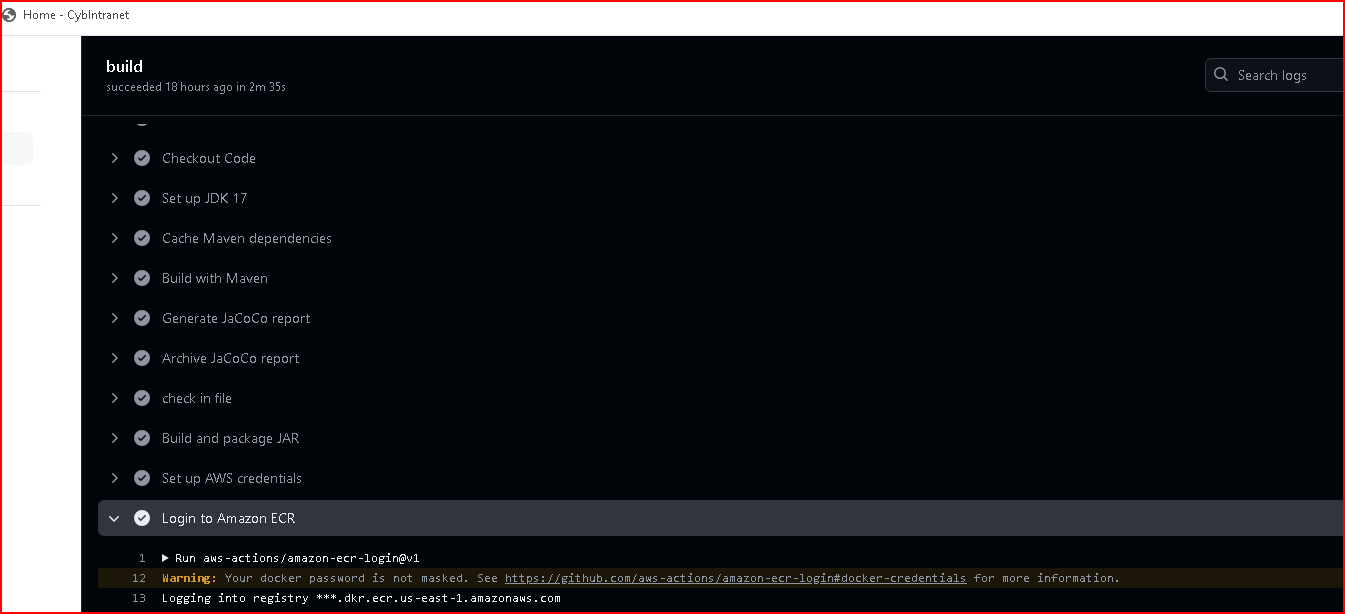




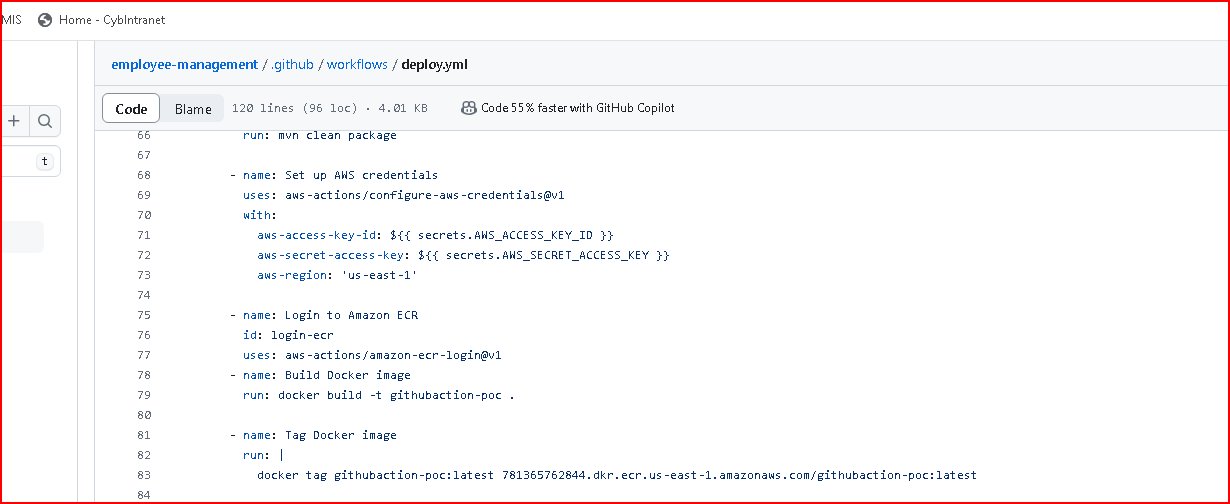


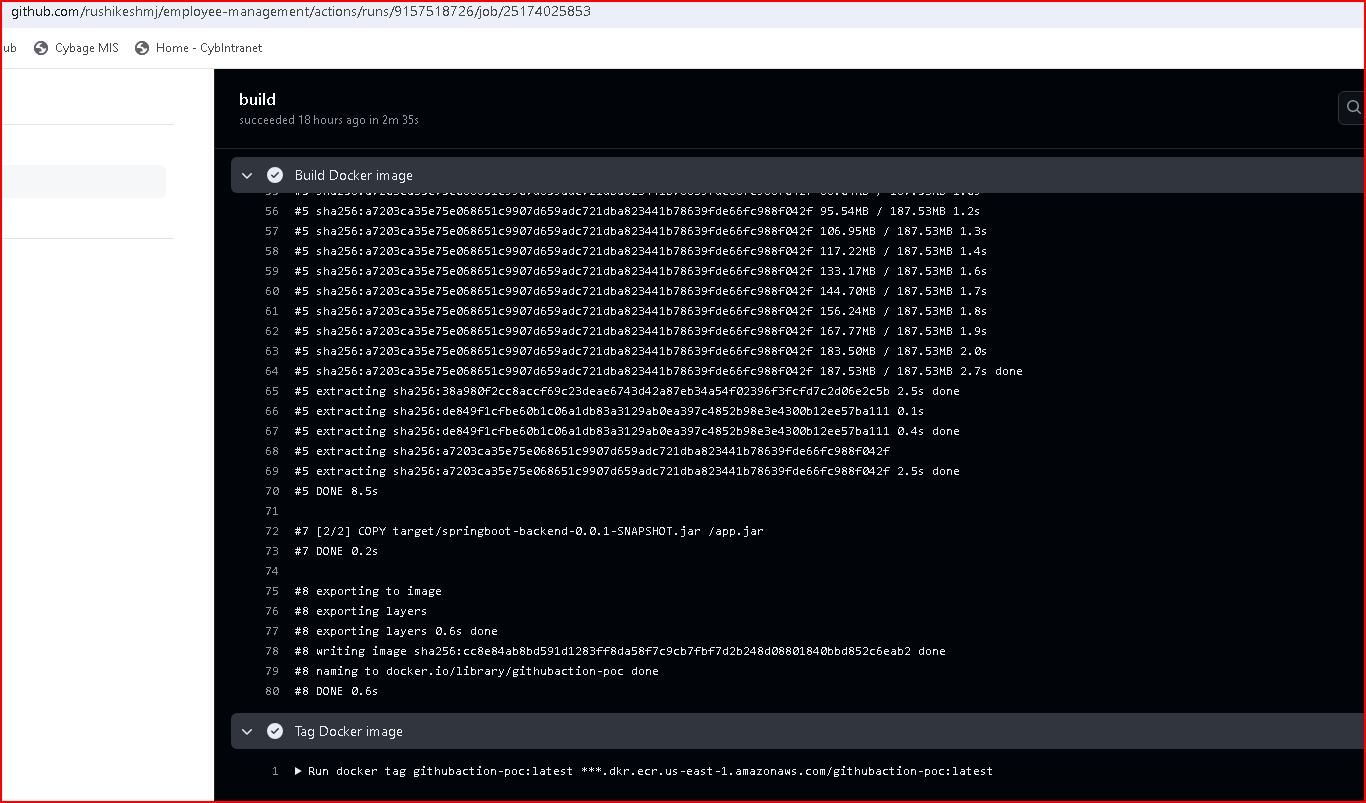
**VI. login to ECR**

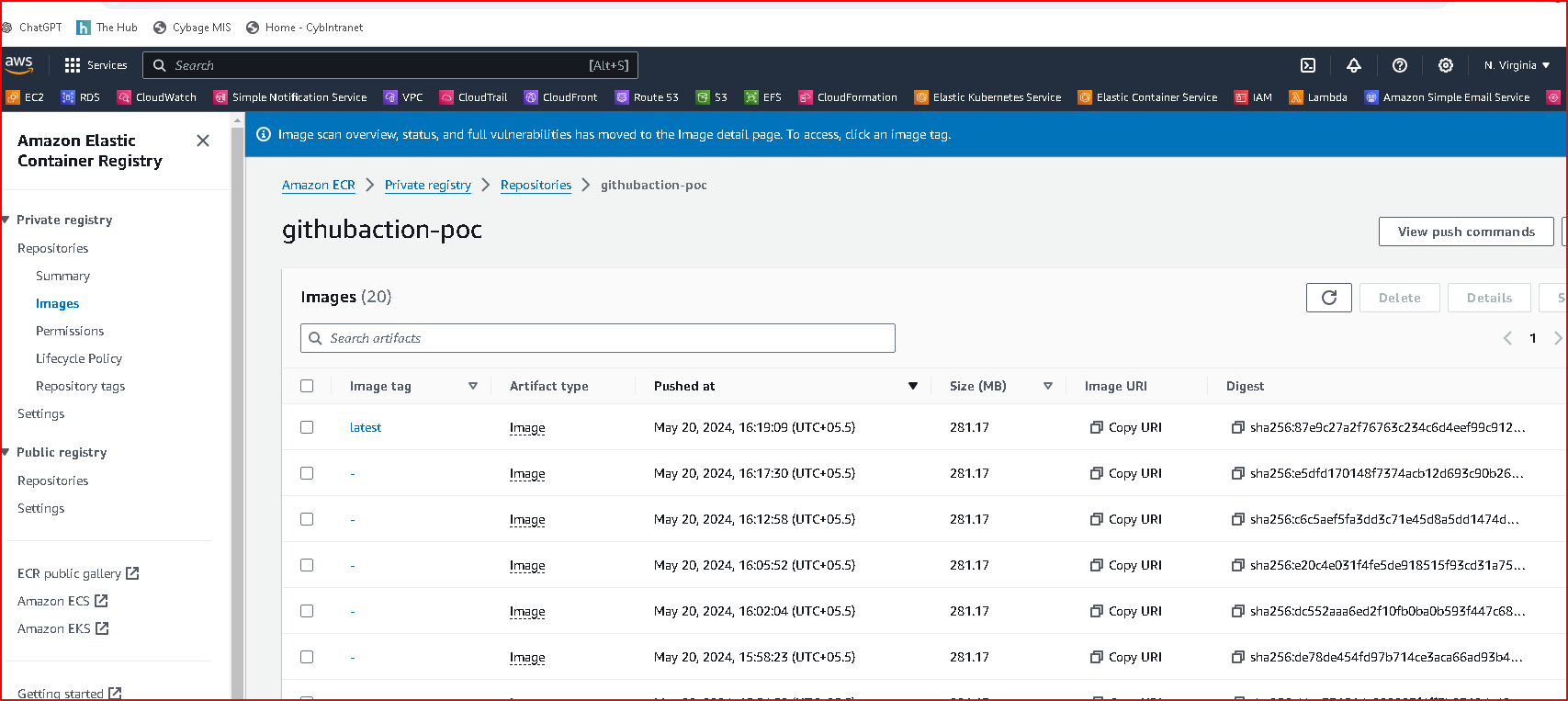




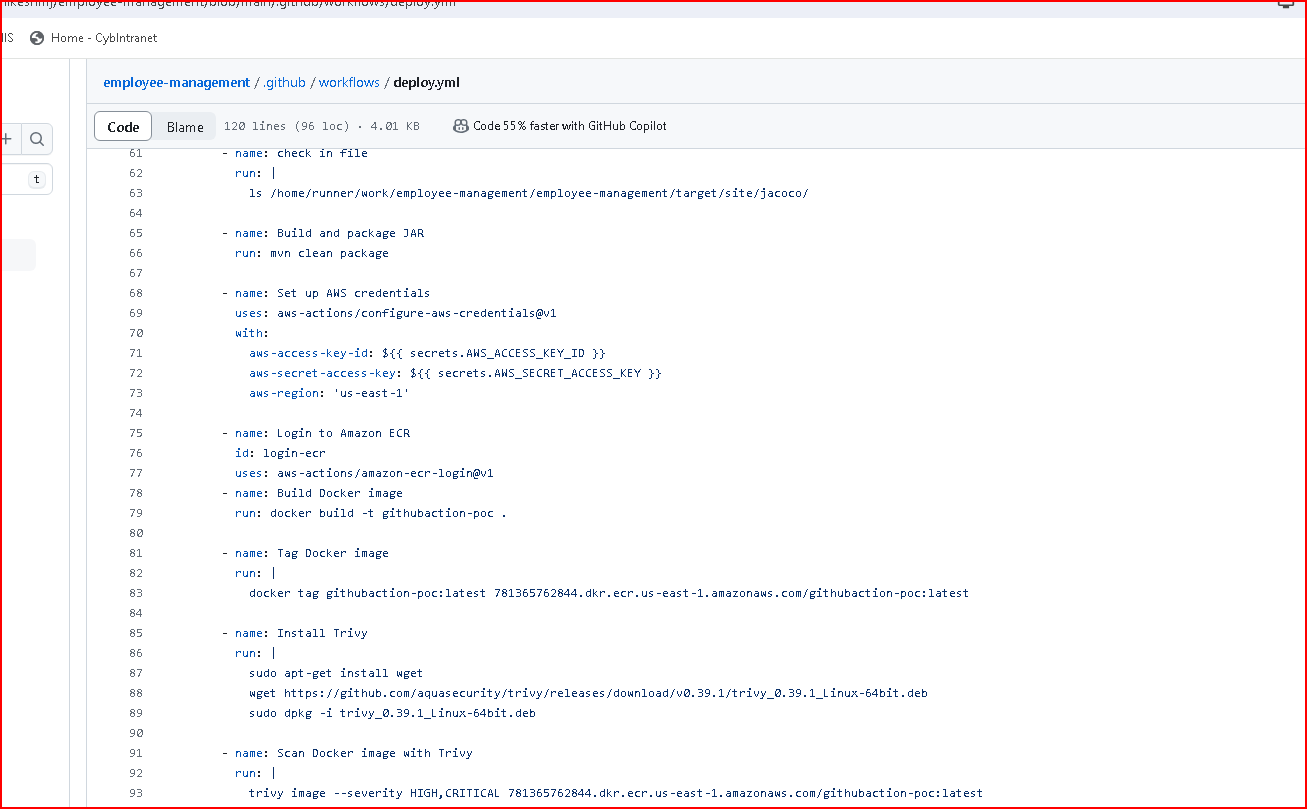
**VII. Build & tag Docker image**

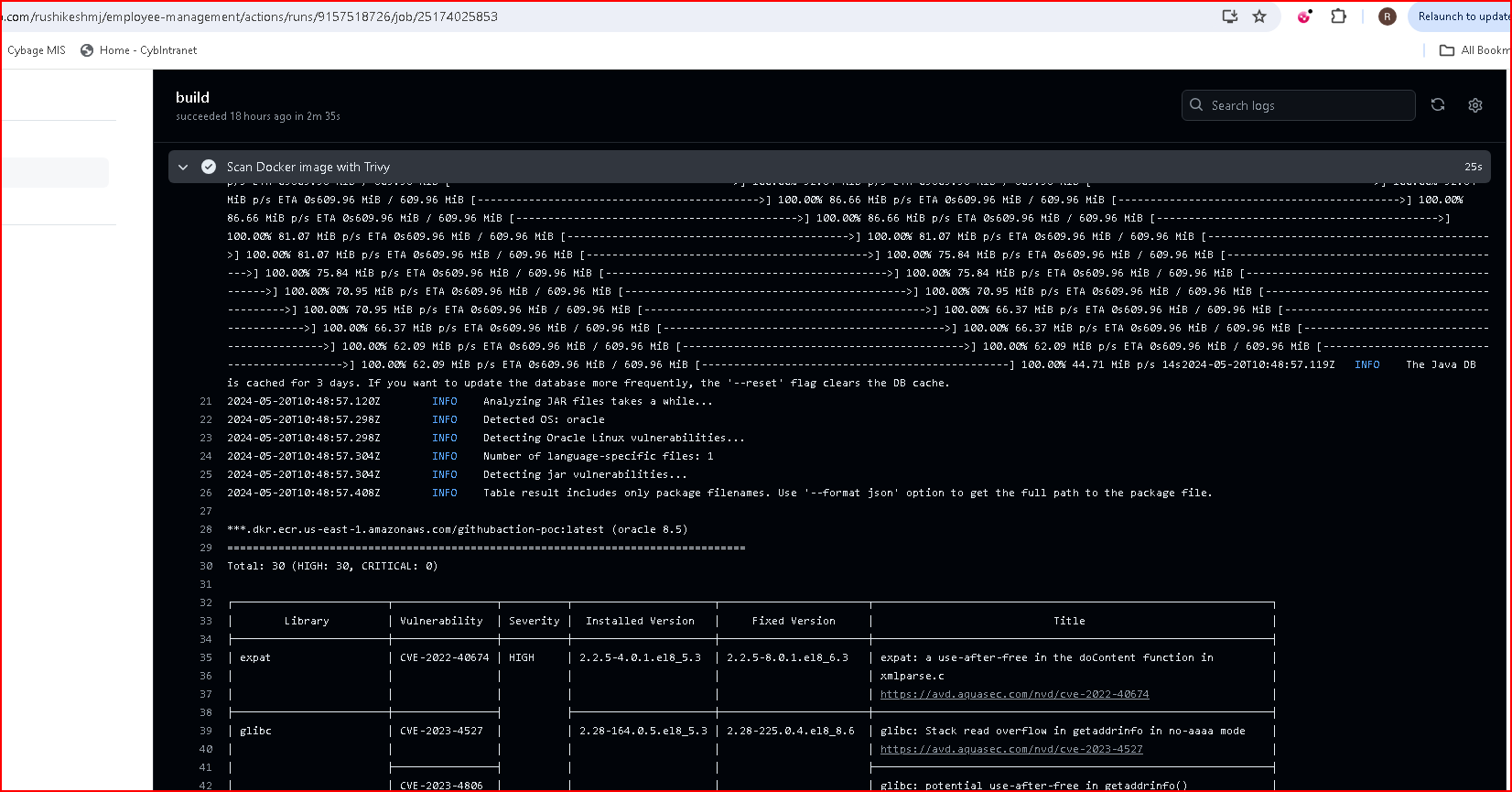




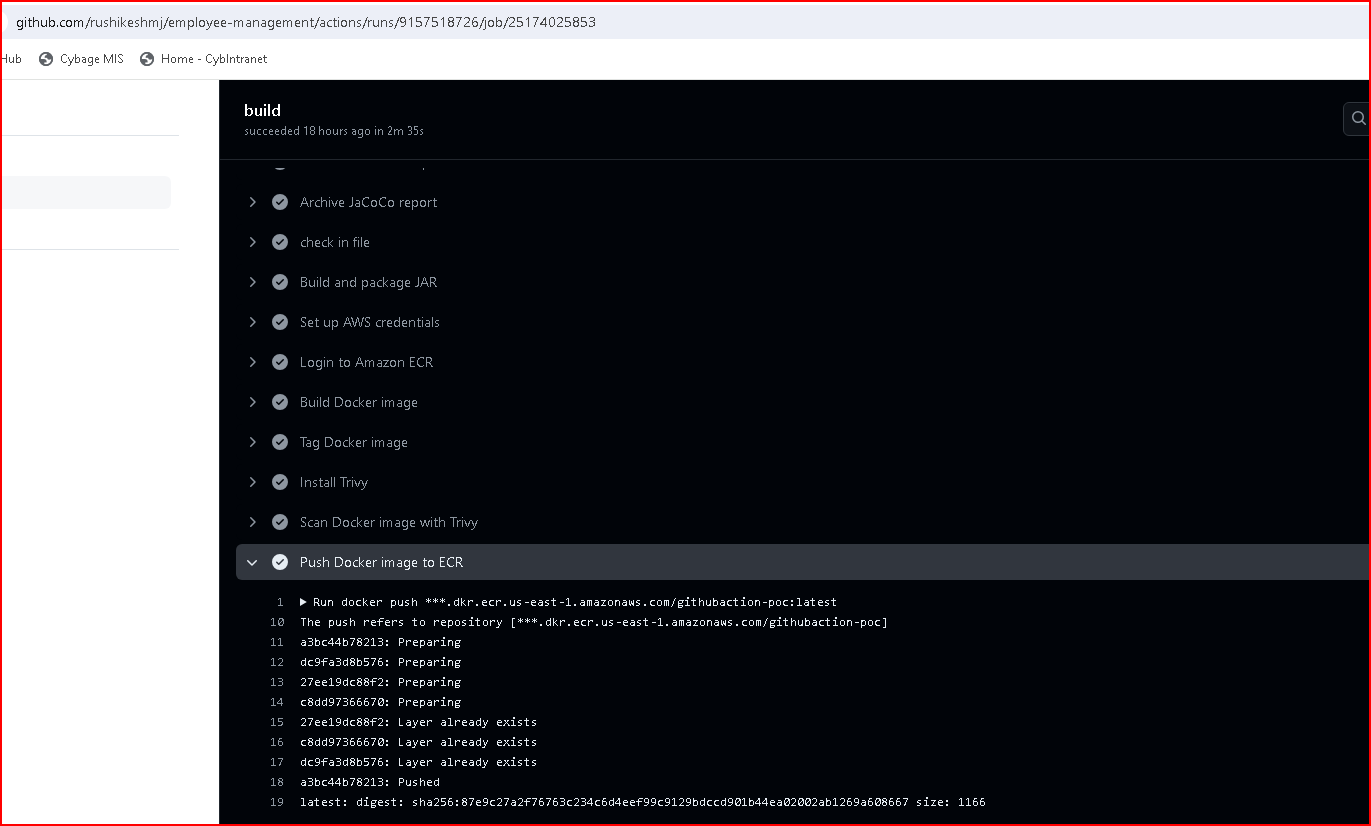


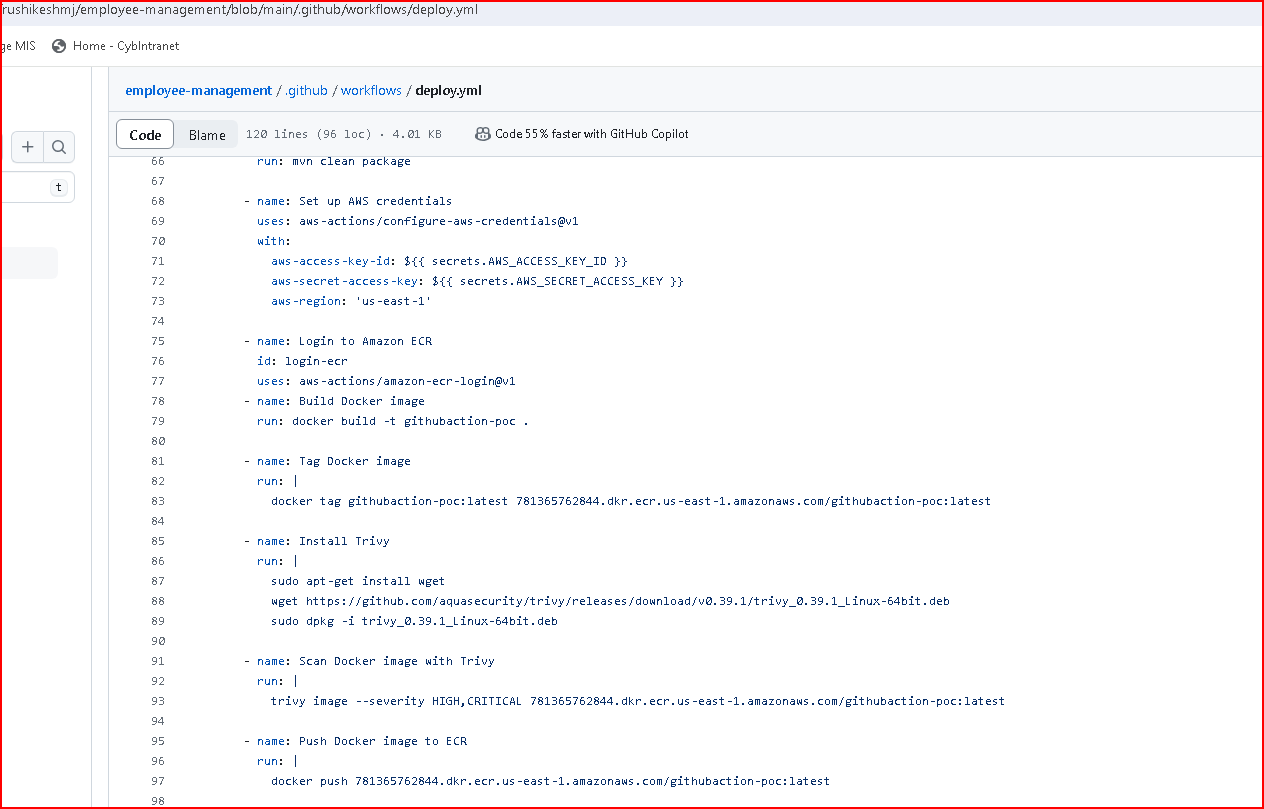
**VIII. Scan the image using CI tool (Trivy)**





**IX. Push image to ECR**





**2. CD step**

**I. Deploy application on EC2 using SSH with key-value**

