**Junior DevOps Exercise**

1. **Container:**
2. Create a simple Rest API with one of the next dev languages (Node.js, Python, C# ,Java). Rest API should include 2 or more routing.
   1. GET: /hello.
   2. POST: /hello + Username.
   3. PUT: /hello update the Username.
3. Create Dockerfile.
4. Create container and run the application.
5. Use with Postman for verify the application is work. (Provide import file from postman).
6. Docker commands: (Provide screenshots and files)
   1. What is the internal Ip address of your container?
   2. To which volume container was bound?
   3. Get logs from containers and save as file.
7. **CI/CD:** Create simple CI process you can use Jenkins/GitHub Actions/Azure DevOps/other CI tool to build image for the Rest API application. ( Provide files)
8. **Bonus - Optional**
   1. Create Database container.
   2. Create Docker Compose.
   3. Config the Rest API connect to database.
   4. Save the name in database.

\*Create zip file to all files with following format ${YOUR\_NAME}.${DATE}.zip

Good Luck :)