

Docker Workflow: Build, Push to Docker Hub, and Run

1. Build Docker Image Locally

For Frontend:

```
docker build -t payroll-fe:25.7.6 --build-arg config=production .
```

2. Tag the Image

Get the IMAGE ID from the result of the build command (e.g., 1b41687db3cd), then run:

```
docker tag 1b41687db3cd mtesfa/payroll-fe:25.7.6
```

3. Push the Image to Docker Hub

```
docker push mtesfa/payroll-fe:25.7.6
```

4. On the Target Machine (e.g., 10.1.12.70)

Make sure Docker is installed and you're logged into Docker Hub, then run:

```
docker run -p 5003:80 -d --name payroll-fe mtesfa/payroll-fe:25.7.6
```

5. Optional: Explicitly Pull Before Running

```
docker pull mtesfa/payroll-fe:25.7.6
```

Spring Boot Backend Workflow:

1. Build the Image

```
docker build -t payroll_api:25.7.21 .
```

2. Tag the Image (e.g., c346909fff5d is the image ID)

```
docker tag c346909fff5d mtesfa/payroll_api:25.7.21
```

3. Push the Image

```
docker push mtesfa/payroll_api:25.7.21
```

4. Run on Target Machine

```
docker run -p 5005:8080 -e SPRING_PROFILES_ACTIVE=live -d --name payroll_api  
mtesfa/payroll_api:25.7.21
```