

# DOCKER PRINTABLE CHEATSHEET

## Basic Commands

- `docker --version` – Show version
- `docker info` – System info
- `docker help` – Help menu

## Image Commands

- `docker images` – List images
- `docker pull` – Download image
- `docker build -t name .` – Build from Dockerfile
- `docker rmi` – Remove image
- `docker tag old new` – Tag/rename image
- `docker history` – Show layers

## Container Commands

- `docker run` – Run container
- `docker run -it bash` – Start with shell
- `docker run -d` – Run in background
- `docker run -p 8080:80 image` – Port mapping
- `docker ps` – Running containers
- `docker ps -a` – All containers
- `docker stop/start/restart` – Container lifecycle
- `docker rm` – Remove container
- `docker logs` – View logs
- `docker exec -it bash` – Enter live container

## Volume Commands

- `docker volume create vol` – Create volume
- `docker volume ls` – List volumes
- `docker volume inspect vol` – Inspect volume
- `docker volume rm vol` – Remove volume
- `docker run -v vol:/data img` – Use volume

## Network Commands

- `docker network ls` – List networks
- `docker network create net` – Create network
- `docker network inspect net` – Inspect network
- `docker network rm net` – Remove
- `docker run --network=net img` – Use network

## Copy Commands

- `docker cp file.txt cID:/path` – Host → Container
- `docker cp cID:/path/file .` – Container → Host

## Cleanup Commands

- `docker system prune` – Remove unused resources
- `docker rm $(docker ps -aq)` – Remove all containers
- `docker rmi $(docker images -q)` – Remove all images
- `docker system df` – Disk usage

## Docker Compose

- `docker compose up -d` – Start services
- `docker compose down` – Stop/remove services
- `docker compose ps` – List services
- `docker compose logs` – View logs
- `docker compose build` – Build services