



OTHER COMPONENTS AND PROCESSES:



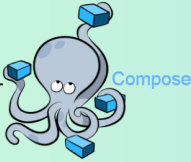
Servers

Inside the backend generate metrics and logs.




GitHub Actions

- Lint + Tests
- Build Docker Images
- Push to DockerHub
- Automatic deployment to EC2 (Ubuntu)



Docker Compose

Connects all containers locally or on EC2.



aws + ubuntu

Serves as the production host:

- Flask API: port 5000
- Grafana: port 3000
- Prometheus: port 9090
- PostgreSQL: port 5432