



DevOps Engineer

Hello!

You just received an invitation for another stage about our talent acquisition process. We have prepared a short challenge to know a little bit more about your background.

Expected knowledge:

1. Understanding of cloud-native architectures like 12-factor apps.
2. Working experience with Kubernetes (K8s) and/or Cloud Foundry (CF).
3. Strong experience in using Cloud Providers (GCP/AWS)
4. Proficiency in Linux and development skills for automation(e.g. shell scripting and Python scripts)
5. Experience with the concept of "DevOps as code"
6. Knowledge of Terraform or Ansible
7. Strong knowledge of how to leverage Docker and Dockerfiles for automation.
8. Strong knowledge of how to leverage and use CI/CD tools like Jenkins and Jenkinsfiles.

Screening exercise for interview

1. Execute the full-stack engineer setup exercise locally → follow the instructions in [README-DevEnv.MD](#), and answer the questions below:
 - a. How does this framework support microservices architecturally?
 - b. What are the alternatives? What are the pros and cons?
2. Install and automate [Epinio](#) locally using Docker or k3d with IP_ADDR.sslip.io as the system domain.
 - a. Understand what the framework is trying to abstract out. Does it make things easier for developers/operators when using Epinio compared to native Kubernetes?
3. Execute the instructions in [README-DevOps.md](#) but apply them to [Epinio](#).
 - a. What are the pros and cons for developers, operators, and security?

Please, answer the questions in English