The information in this document is governed by ITQ's information classification policy @ ITQ 2026
For more information regarding security management, please contact security@itq.eu



From Prompt to Production

Build an app and Deploy It on OpenShift Using AI assistance

The information in this document is governed by ITQ's information classification policy @ ITQ 2026
For more information regarding security management, please contact security@itq.eu

Two halves, one service

Build, then deploy

Part one: build it

Build the service with an AI assistant in Dev Spaces. Test first, ports and adapters, 12-factor.

Part two: run it

Deploy it on OpenShift: config and secrets, health probes, a route, and two replicas.

The information in this document is governed by ITQ's information classification policy @ ITQ 2026
For more information regarding security management, please contact security@itq.eu

You supply the judgment

- You write the specs.
- Ports and adapters: no framework in the domain.
- Test first: see it fail, then make it pass.
- Small steps, read the changes.
- Try rejecting a change and say why.
- No secrets in your prompts!

The assistant can write really fast.

You need to decide what is good!

The information in this document is governed by ITQ's information classification policy @ ITQ 2026
For more information regarding security management, please contact security@itq.eu

Potential workshop timeline

Minutes	Step
0–5	Write your spec, structure and first tests.
5–20	Build the API test first, one behavior at a time.
20–25	Review with the 12-factor checklist. Fix what fails.
25–30	Validate what your assistant has created but you haven't seen or run yet.
30–35	Level 2 or an extension task.
35–55	Set up the deployment (configuration, routing, ports, etc.).
55–75	Scaling the app, health, readiness, sanity and cleanliness checks.
75–end.	Validate end-to-end.

The information in this document is governed by ITQ's information classification policy @ ITQ 2026
For more information regarding security management, please contact security@itq.eu

Start cooking!

- Open the Dev Spaces environment and sign in using your provided account.
- Open the Dev Space.
- Pick a stack you want to build on (.NET, Python, Node.js).
- Have a look at the starter guide and cheat sheet.
- Start the AI assistant (opencode) in a terminal.
- Use our assignment to build and experiment*.
- Get stuck or running into problems? Ask us!
- **This is not a race to the finish! Have fun exploring and experimenting with the assistant!**

* You can build your own idea but keep the 12 factors and architecture in mind.