



# Platform Engineering Certified Practitioner



## Why become a certified platform engineer?

As Platform engineering has matured over the last few years, it has evolved into the foundational operating system of the modern enterprise. Much like software fundamentally reshaped nearly every industry, platform engineering is now transforming software development itself, streamlining operations, and redefining traditional IT roles at an unprecedented pace.

**60%**

report salary growth or promotion within 6 months after getting certified

By the end of this course, you'll have the knowledge you need to get a job as a platform engineer, ensure that you understand the best practices and fundamentals of platform engineering to build a successful platform engineering initiative and get yourself promoted or successfully lead your platform engineering team and initiative.

You'll also gain all the knowledge and resources you need to convince your boss, and other key stakeholders of the benefits of platform engineering.

### WHAT'S INCLUDED

- ◆ Instruction from leading industry experts
- ◆ Practical skills through exercises and real-world examples
- ◆ Community to connect with other platform engineers and share experiences
- ◆ Certification to validate your knowledge
- ◆ Career advancement to open doors to new job opportunities and higher salaries

# Course structure

The course is divided into eight comprehensive modules, covering everything from the fundamentals to advanced strategies. Each module includes additional optional content like homework, reading, and extra sessions.

## MODULE 1 Intro to Platform Engineering

- ◆ Why platform engineering and why it enables true DevOps
- ◆ Key concepts and definitions
- ◆ Platform team composition and other key stakeholders
- ◆ Platform value drivers
- ◆ Maturity model

**KEY TAKEAWAYS**

The **core ideas of platform engineering**, like its relationship to DevOps, Platform as a Product, adoption, internal selling, and best practices. Its impact on the industry at large, and potential impact on your career.

## MODULE 2 How to build an IDP

- ◆ Platform as a Product
- ◆ Platform architecture choices
- ◆ Frontend vs Backend
- ◆ Backend designs
- ◆ CNOE + Pocket IDP hands-on labs

**KEY TAKEAWAYS**

How to **design and implement internal developer platforms**, that incorporate best practices, and avoid big mistakes.

## MODULE 3 Platform tooling 101

- ◆ Reference architecture implementations
- ◆ Hands-on labs with CNOE platform builder and Pocket IDP
- ◆ Tooling philosophy

**KEY TAKEAWAYS**

The **core basics of platform tooling**. Get your hands dirty with an actual Internal Developer Platform. Overview of platform engineering tooling landscape.

## MODULE 4 The art of building golden paths

- ◆ Golden Paths vs Golden Cages
- ◆ Value Stream Mapping
- ◆ Build your DevEx flows end-to-end

**KEY TAKEAWAYS**

How to build golden paths, not golden cages and deliver actual value for your developers, and your business without causing problems. Examples of high value golden paths, and how to identify high value from low value golden paths.

## MODULE 5 Find the right abstraction(s)

- ◆ Abstraction Layers
- ◆ Frontend Abstractions
- ◆ Backend Abstractions

**KEY TAKEAWAYS**

The difference between abstractions, and illusions. How to **build abstractions** that add value, without causing problems. The **distinctions between front-end and back-end abstractions**.

## MODULE 6 Infrastructure Platform Engineering

- ◆ Infrastructure platform engineering
- ◆ Going from Silos to APIs
- ◆ Cross-cutting concerns
- ◆ Everything-as-code + graphs
- ◆ IPE in the bigger platform picture
- ◆ Real-world examples

**KEY TAKEAWAYS**

How forgetting infrastructure kills platform engineering initiatives. The problem with Backstage and Developer Portals.

## MODULE 7 How to build your Minimum Viable Platform (MVP)

- ◆ Why start with a Minimum Viable Platform (MVP)?
- ◆ What is an MVP?
- ◆ How to build your MVP

**KEY TAKEAWAYS**

How to **design MVPs** that are representative, repeatable, iterative, and innovative. Lessons from building dozens of MVPs at huge enterprises.

## MODULE 8 How to sell your MVP to key stakeholders

- ◆ Pain points + your value props
- ◆ Building your business case
- ◆ App devs
- ◆ I&O and security teams
- ◆ Execs
- ◆ ROI calculation

**KEY TAKEAWAYS**

Clear how-tos on **selling your platform engineering initiative** internally and **securing buy-in** from executives, security, and other key stakeholders.

# FAQs

## How does the certification course work?

The course takes place in both on-demand recorded sessions and 1-hour live Zoom sessions, which include a lecture, in-session work, a closing Q&A, and homework. There is also an optional additional hour a week for homework and extra reading and watching. There are 8 sessions + Q&As. The sessions cover both the cultural and technical fundamentals of platform engineering.

## What happens if I can't attend live?

All sessions are recorded and shared with all participants after the session. All participants are invited to join a private Slack channel dedicated to asynchronous Q&A, and discussion of the shared homework, and additional materials.

## Is it possible to purchase a bundle of courses for my organization?

Of course. Please reach out to [certifications@platformengineering.org](mailto:certifications@platformengineering.org)

## How does the certification work?

After completing all learning content, you must pass an exam and then you receive your certification. Once you become a Certified Practitioner, you are eligible for the Certified Professional course.

## What technology do I need to have?

Just a computer. Nothing special.

## What pre-requisite training do I need to have?

You should already be familiar with core concepts of DevOps, such as Kubernetes, Infrastructure as Code et al.

## What timezone are the sessions?

Any live sessions (unless stated otherwise) take place at 6:30 pm CEST.

## Is paying by invoice or wire transfer possible?

Yes.

## Can I split up my payment?

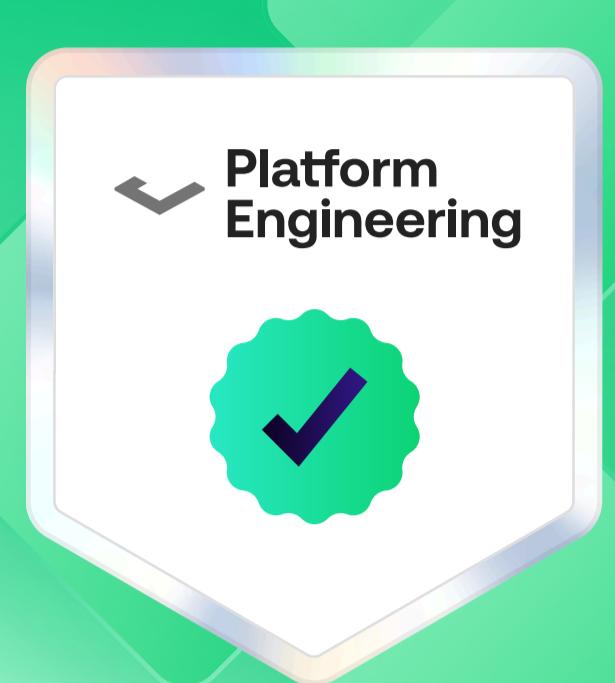
Unfortunately not at this time.

## Have other questions?

Reach out to [certifications@platformengineering.org](mailto:certifications@platformengineering.org)  
or Luca Galante on the [Platform Engineering Slack community](#)

# Interested in the bundle?

 **BUNDLE**      **\$3,800** **\$3,150**



Introduction  
**Introduction to Platform Engineering**



Practitioner  
**Platform Engineering Certified Practitioner**



Professional  
**Platform Engineering Certified Professional**

## TAKE THE NEXT STEP

Ready to take your platform engineering skills to the next level? Enrol in the [Platform Engineering Certified Practitioner course](#) today and gain the knowledge, skills, and connections you need to succeed.

## SPECIAL OFFERS

As a graduate of this course, you'll receive a special discount on our advanced certification and on future courses.

## JOIN THE COMMUNITY

Connect with fellow platform engineers, share your experiences, and contribute to the future of platform engineering. Attend PlatformCon live days in New York and London and become a part of our vibrant community.

## CERTIFICATION

Validate your expertise with an industry-recognised certification. Demonstrate your knowledge and skills to employers and advance your career.