

AGILE

INTERMEDIATE

2 DAYS

# Certified Scrum Professional Developer (CSP-D)

The Certified Scrum Professional - Developer (CSP-D) is the highest level of the Developer track. It is designed for expert Scrum developers with a minimum of two years in the role who want to become catalysts for technical excellence across their organisation. The CSP-D develops the ability to guide teams, influence technical culture, and grow the next generation of Agile developers.

## Why CSP-D?

### Recognised credential

Certified Scrum Professional - Developer (CSP-D) credential from Scrum Alliance, valid for two years.

### Practical skills

Skills to mentor and develop the next generation of Agile developers.

### Practical capability

Recognised as a senior technical leader and Agile engineering expert.

### Practical skills

Capability to bridge the gap between business strategy and technical delivery.

### Practical skills

Ability to drive technical culture change at team and organisational level.

## What you'll be able to do

- ✓ Enable a culture of technical excellence within and across Scrum teams
- ✓ Catalyse high-performing technology organisations through technical leadership
- ✓ Facilitate environments where technical knowledge is shared and understanding is collective
- ✓ Guide Scrum teams in continuous learning and growth
- ✓ Develop as an Agile technical leader and mentor to other developers
- ✓ Introduce and sustain advanced engineering practices at an organisational scale
- ✓ Bridge the gap between business agility and technical agility
- ✓ Contribute to organisational transformation as a technical change agent

## Who this is for

- Developers
- Software Engineers
- QA Engineers
- DevOps Engineers
- Technical Leads
- Scrum team members

## Curriculum

### 01 Technical Leadership in an Agile Organisation

- The role of a technical leader vs. a technical manager
- Servant leadership for senior developers
- Influence without authority: driving engineering practice change
- The CSP-D as a technical coach and change agent
- Building your personal technical leadership brand

### 02 Enabling a Culture of Technical Excellence

- Defining and communicating engineering standards across teams
- Building and sustaining Communities of Practice for developers
- Creating internal documentation and knowledge management systems
- Psychological safety for technical teams
- Celebrating technical achievement and learning from failure

### 03 Catalysing High-Performing Technology Organisations

- Team topology and its impact on technical delivery
- Stream-aligned teams, platform teams, and enabling teams
- Reducing cognitive load for development teams
- Infrastructure as Code and DevOps as organisational enablers
- Site Reliability Engineering (SRE) principles and practices

### 04 Facilitating Shared Technical Understanding

- Architecture decision records (ADRs) and lightweight documentation
- Event storming and domain-driven design workshops
- Technical roadmapping and communicating technical direction to stakeholders
- Running architecture and design reviews as learning events
- Making technical concepts accessible to non-technical stakeholders

### 05 Guiding Teams in Continuous Learning

- Learning organisation principles: Senge, Deming, and modern interpretations
- Running technical retrospectives and learning loops
- Hackathons, spikes, and innovation time as learning mechanisms
- Pairing and mobbing as team learning practices
- Measuring and celebrating technical improvement

### 06 Developing as an Agile Technical Leader

- Personal development planning for senior technical practitioners
- Mentoring junior developers: models, tools, and approaches
- Contributing to the technical community: open source, writing, conferences
- Navigating the transition from hands-on developer to technical leader
- The CSP-D pathway and next steps in a technical Agile career