

Learning Pathways into Technology Careers: How to use the portal

Finding your ICT career pathway | June 2026

<https://c4digital.com.au/clients/fso>

1 Find your pathway

The home screen shows the nine ICT career pathways. No search needed. Click the pathway closest to your area of work, or the kind of role you are trying to fill.

2 Select an entry-level role

Each pathway lists its entry-level roles. There are 34 across the nine pathways. Click a role to open its profile, a single view of everything relevant to that role.

3 Read the role profile

The profile brings together the skills the role requires, the training that supports them, how AI is affecting the role, and where it can lead.

The pathways have seven sections

Technical skills (SFIA) | Professional attributes (SFIA) | Digital competencies (DigComp 3.0)
Transferable skills (Critical Core Skills) | Training alignment | Progression pathway | AI impact profile

What each profile tells you

Each role profile shows (34 roles)

One page per role – three examples follow

Each of the 34 roles brings skills, training, progression and AI impact onto a single page

Skills you'll need

The SFIA skills and levels, with the training units available for each

Beyond technical skills

Professional attributes, DigComp competencies and CCS transferable skills

How AI affects the role

An AI Impact Profile across every skill in the role

Where it can lead

Progression into related roles, with the skills shared and the skills to build

How to get started

The recommended VET qualification and entry route into the role

Each pathway profile shows (9 pathways)

One page per pathway

Each of the nine pathways groups the entry-level roles that share a skills foundation

Skills across the pathway

The SFIA skills demanded, with job-ad volume and the level they apply at

Roles within the pathway

Every role in the pathway, each with its own role placemat

Training coverage at a glance

The breadth of Unit of Competency coverage across the pathway

The starting point

See the shape of demand before drilling into a single role

EXAMPLE PROFILE

Role profile – cloud engineer

OSCA 273331 · Cloud, Network & Infrastructure pathway · Diploma · Entry-level

CLOUD, NETWORK & INFRASTRUCTURE

Cloud Engineer Pathway

OSCA 273331 · Entry-level career · Supported by VET training

Build, connect and maintain the networks and infrastructure that power modern technology.

6

Core skills for this role

100%

Skills covered by VET training

95

Training units available
Across one or more qualifications

Diploma

Required VET level

6

Career paths from here

What does a Cloud Engineer do?

As a Cloud Engineer, you build, support, manage and maintain cloud-based solutions and services, including cloud-based processes, applications, storage and computer networks.

You work with a reasonable degree of independence, using your judgement to solve familiar problems and knowing when to ask for help. Your day-to-day work spans infrastructure operations, deployment, systems and software lifecycle engineering and related areas, collaborating with colleagues and stakeholders to deliver practical outcomes.

Skills you'll need

These are the core professional skills mapped to this role. The bar shows how well each is supported by available vocational training — longer bars mean more training options.

Infrastructure operations

Intermediate–Advanced

39 training units available

Deployment

Intermediate–Advanced

14 training units available

Software Lifecycle Engineering

Intermediate–Advanced

8 training units available

Security operations

Intermediate–Advanced

25 training units available

Network support

Intermediate–Advanced

37 training units available

Application support

Intermediate–Advanced

8 training units available

How will AI affect this role?

We've assessed how AI is likely to impact each skill in this role. Here's the picture.

6

skills

Good news: None of the skills in this role are expected to be fully automated by AI. The role is well-positioned for the future.

All 6 skills will be **supported by AI** — meaning AI tools will make you more productive, but human judgement, context and communication remain essential.

At a glance

6 core skills

100% covered
by VET
training
products95 training
units

Diploma

6 career paths

Skills you'll need

The six core SFIA skills mapped to the role, each with the level and the training units available.

How AI affects the role

All six skills are AI-supported – AI speeds the work, but human judgement and communication remain essential.

Beyond technical skills

Professional attributes, Critical Core Skills and DigComp digital competencies.

Where it can lead

Six related roles as next steps, showing the skills already held and the skills to build.

How to get started

The recommended pathway is a Diploma covering all six core skills, with 95 training units available.