



SKILLS CITY

Fair Access to Technology Futures

The AWS Cloud Practitioner

Talent Solution

IN4.0™
Group



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Introduction

IN4 Group is an award-winning technology group, driving prosperity for businesses and communities.

Delivering a unique technology talent acquisition solution through its programmes and services, IN4 delivers educational enrichment to enable economic empowerment.



At the heart of this is the Group's commitment to ensuring fair access to technology futures for all.

IN4's unique innovation blueprint develops a technology talent pipeline that fast-tracks people into highly skilled tech career pathways. This activates industry

technology adoption and nurtures start-ups to scale through innovation and investment.

In partnership with Amazon Web Services (AWS), IN4 has developed a unique talent solution, the AWS Cloud Practitioner.

More than a skills provider

Dual Status AWS Partner

Training

Digital technology skills bootcamp training through **Skills City**

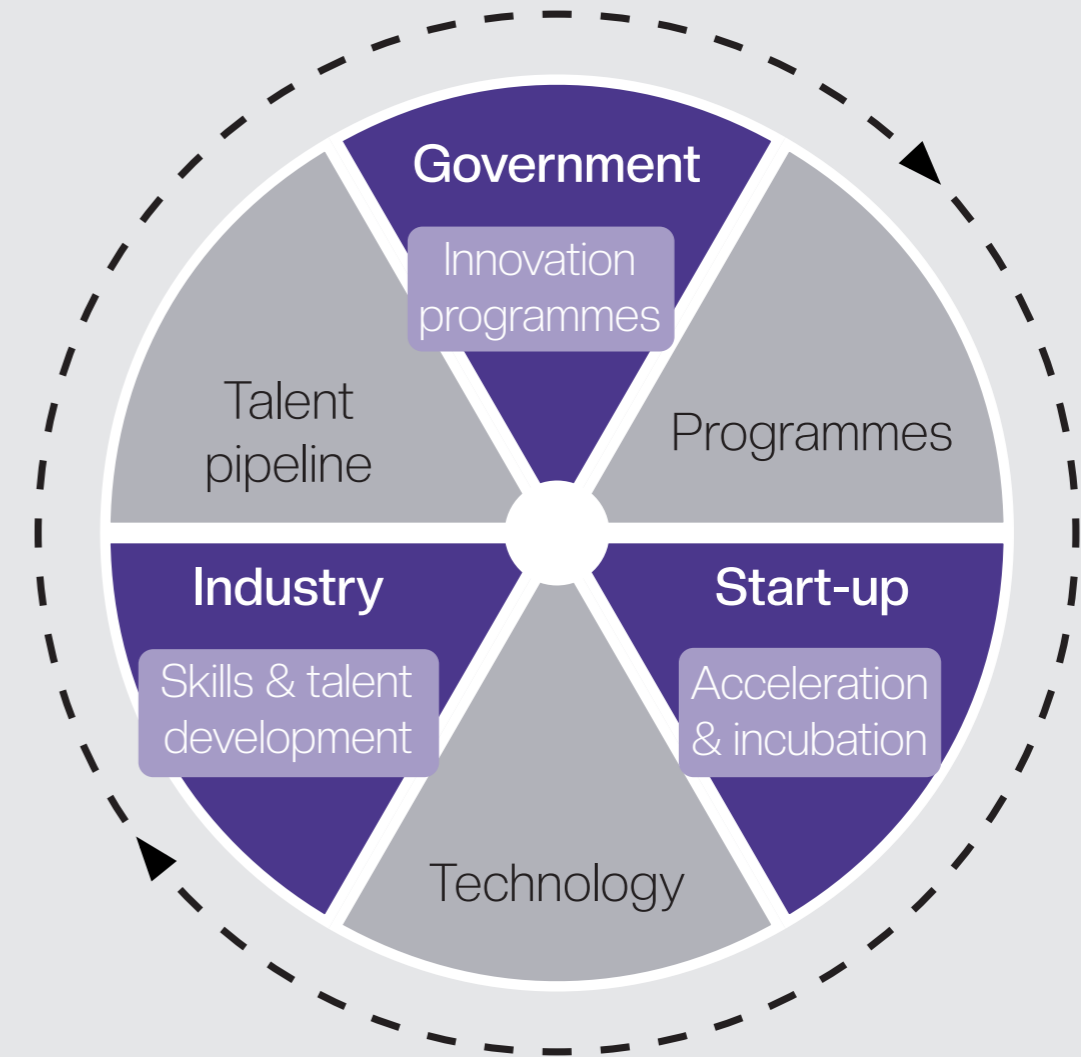
- Established online training platforms and IP
- Team of skilled staff to support every stage of education from coding, and problem-solving to employability

Innovation Services

A leading operator of innovation hubs serving governments, enterprises and SMEs through our **Applied Innovation Labs** and adoption programmes. Creating organic demand for Skills City talent by supporting business growth

Start-up Support

An award-winning portfolio of start-up accelerator and incubation programmes. We enable intellectual property to be created and businesses to scale within local economies – further driving demand for Skills City talent





AWS Cloud Practitioner

Operated by IN4 Group, the AWS Cloud Practitioner talent solution enables businesses to scale and increase productivity with high-performing cloud teams.



Select
Training
Partner

IN4 is a uniquely positioned AWS accredited partner with dual status as an AWS Select Training Partner (ATP) and an AWS re/Start collaborating organisation.

AWS Training Partners are the only trusted organisations selected by AWS based on their quality and expertise, to offer training developed by AWS.

The AWS Cloud Practitioner supports businesses across sectors to find new talent and upskill existing talent in the AWS cloud, while also offering access to the latest technologies and a practical learning environment at the



Collaborating
Organisation

AWS Modern Workplace Hub in the heart of MediaCity.

Operating in the cloud enables you to increase operational efficiency, reduce costs, improve security and agility, and allows you to focus on your core business and customers.

Whether you are about to embark on your digital transformation journey or find yourself already on the path, our AWS talent solutions can support you with the expertise and skills you need to ensure your organisation is achieving the maximum benefits of cloud adoption.

The AWS Cloud Practitioner Talent Solution



Access new talent

Upskill your staff to meet industry qualifications

Fast-track your projects with tailored training

Collaborate with our AWS community

Recruit our AWS re/Start graduates

which includes a diverse talent pool of career changers or career breakers who are qualified as AWS Cloud Practitioners.

This can be a pathway to Accelerated Apprenticeships.

AWS tech internships

offers interns to work on your cloud projects, flexibly over 6-12 months.

Adds specialist AWS skills to industry projects.

An opportunity to 'try before you buy' without costly recruitment overheads.

Qualify your existing staff

in AWS through our AWS Training Partner Programme in:

- Solutions Architecting
- Developing Applications
- Managing System Operations
- Specialty

Classroom

Virtual

Bundle our offerings

- Training & team building
- Certification exams
- Self-paced access to labs

Bespoke Upskilling Solutions

Not all your project requirements suit any of the off-the-shelf training programmes. Let us work with you to prepare your teams in achieving a fast and desirable project outcome.

Up to 90% of funding is available to upskill your staff team.

We have rich experience with:

- Cloud migration solutions
- Digital transformation projects
- Developing secure and auto-scalable infrastructure

AWS Modern Workplace Hub

Be part of our AWS community at HOST in MediaCity:

- Develop prototypes
- Network with AWS enthusiasts
- Share knowledge at our AWS Discovery Days
- Develop proof of concepts
- Access sector-specific use cases

And make use of the facilities:

- AWS DeepRacer
- Vodafone's Edge Innovation Lab
- Access to OT experts from ifm, CloudRail, and more



Access new AWS talent

As an AWS collaborating organisation, Skills City delivers AWS re/Start Skills Bootcamps in Cloud Engineering and Cloud Security to build an inclusive and diverse global pipeline of new cloud talent by focusing on unemployed and underemployed individuals to help them launch a career in the cloud.

“AWS re/Start brings ‘net-new’ talent into the workforce, establishing a win-win scenario for individuals to launch successful careers in the cloud, organisations to increase their competitive edge with in-demand talent, and communities to thrive and grow. We are proud to work with Skills City to build the diverse, robust cloud workforce of the future, enabling organisations to accelerate their innovation with the AWS Cloud.”



Laura Addison
Senior Program Manager
AWS re/Start



aws re/start

AWS re/Start is a 12-week, skills-based training programme that covers fundamental AWS cloud skills as well as practical career skills, such as interviewing and CV writing, to help prepare individuals for an entry-level cloud position. Through real-world scenario-based exercises, labs, and coursework, students build Linux, Python, networking, security, and relational database skills.

The collaboration supports learners in building career skills and helping them through the interview process to pursue entry-level roles that require AWS Cloud practitioner knowledge and skills.

500

AWS re/Start interns trained over 4 years

38%

women

97%

from underrepresented groups

About Skills City



A unique, digital skills powerhouse transforming talent diversity across the UK and providing fair access to technology careers.

As one of the country's largest digital Skills Bootcamps operations, Skills City delivers a unique AWS technology talent acquisition solution. By unlocking the potential of highly skilled local talent, it drives prosperity for businesses and communities.

Operated by IN4 Group, Skills City helps employers build a diverse, ambitious, and highly skilled workforce for their businesses. It focuses on an employer-led approach, working closely with partners to offer up-to-date digital

skills through its bootcamps. Skills City understands the needs of employers and can satisfy the demand to ensure that individuals from all backgrounds have a clear path to tech career opportunities.

By matching bespoke training with the necessary skills required in the workplace, we address digital skills shortages and support the growth of businesses in the industry with direct access to diverse, tech-ready talent from our Skills Bootcamps.

Our DNA

Equity, diversity and inclusion are in our DNA at IN4 Group, and we see Skills City as a bridge between education and employers.

Humanising

Accessing the talent

Widening the talent search and building a pipeline of diverse talent to benefit the UK's future digital technology workforce

Belonging

Showcasing the talent

Focusing on capability not qualifications by showcasing talent that would often be overlooked due to lack of experience

Culture

Understanding the talent

Unlocking hidden potential in our communities, enabling employers to work directly with individuals and nurture their growing talent

AWS Industry projects

How do we showcase talent potential?

Client facing cloud projects are a fundamental differentiator of our Skills Bootcamps, aiming to bring our interns into direct contact with organisations of all sizes and from across all sectors. With 50% of the time in the bootcamp dedicated to AWS industry projects, we are empowering our interns to showcase their talent with greater confidence and ability.

The key outcomes of industry projects:

For employers:

- Direct access to interns across our bootcamps, enables employers to 'try before you buy' and be more informed on how they can accommodate their recruitment
- A use case or proof of concept is developed during industry projects at no cost to employers

For interns:

- An invaluable opportunity to work with organisations and showcase their skills by working on a team project
- Creating a portfolio that augments their CV and illustrates their talent beyond their qualifications and experiences

BAE SYSTEMS



In a partnership with BAE Systems over four years, **more than 100 people** have been supported with the cloud engineering training and future skills development in the advanced manufacturing and engineering sector.

30%

women

41%

ethnic minority

67%

in technology jobs

3 people

employed at BAE Systems

1 AWS project

patent filing

“Skills City has been a huge success in the North West and the UK, supporting the adoption of advanced technologies and creating new capabilities in the supply chain. This improves overall productivity in the UK”



Iain Minton
Technology Capability Delivery Director
BAE Systems

Skills City Success Story

Meet Terry

Terry Tucker's lifelong dream was to work at BAE Systems. However, as a neurodiverse individual, he faced challenges during interviews that threatened to derail his aspirations.

Fortunately, he found a solution in Skills City's AWS re/Start Cloud Engineering Skills Bootcamp.

Skills City introduced him to BAE Systems and gave him the opportunity to work with their team on a live industrial technology project, which he successfully completed.

Terry's hard work paid off when he landed a coveted trainee engineer placement at BAE Systems, where after just six months, he was offered a permanent role as an IT engineer intern.

Now, Terry is living his dream and contributing to technological advancements in aerospace and defence.



Terry Tucker
Intern IT Engineer,
BAE Systems



Skills City Success Story

Meet Nethmi

Nethmi Wickrama was working as a teaching assistant before enrolling in Skill City's AWS re/Start Cloud Engineering Skills Bootcamp. She now has a thriving career at S&P Global as a DevOps Engineer.

Discovering the AWS re/Start Cloud Engineering Skills Bootcamp, Nethmi saw an opportunity to study and develop in tech despite lacking a degree.

With a passion for IT, she thrived as the research lead for an automation solution at the Greater Manchester Chamber of Commerce during the bootcamp's industry project.

The project honed her skills in communication, time management and presenting, which boosted her confidence while providing her with valuable practical experience.

Nethmi is proof that dedication and hands-on experience can lead to success in the tech industry.



Nethmi Wickrama
Skills City Champion

S&P Global



Tech internships for cloud projects

How do we futureproof talent retention?

AWS tech internships are a unique opportunity for businesses to interact with a diverse pool of tech talent.

Our Skills City bootcamps provide an intensive learning environment over 12 weeks, with six weeks dedicated to the development of commercial AWS industry projects for our partners and clients.

To further capabilities and job-

readiness, we are identifying project-specific tech internships for our bootcamp graduates to progress into.

Operating over a 6-12 month fixed term, to align with project requirements, this bespoke solution supports employers



to achieve the best outcome for their clients while mitigating costly recruitment overheads.

The goal of a tech internship is to provide the intern with hands-on experience in their field, enabling them to further

develop their skills and knowledge on a real-world project over a longer period.

The AWS tech internships have proven to be a beneficial method of bringing in new talent, fresh ideas, and different perspectives.

Employer Benefits

Equity, diversity, and inclusion:

Priority access to our diverse cohorts offers the chance to interact with a wide range of candidates from underrepresented and disadvantaged backgrounds

Flexibility: Interns can be activated for specific projects or periods of increased demand without committing to a long-term employment relationship

Staff development: Delegating tasks provide the opportunity for professional development, leadership growth, and increased productivity

Reduced liability: Wages, benefits, taxes, and other employee obligations are fulfilled by IN4 Group

Attributed to project overhead:

More straightforward team expansion due to minimised interaction with HR

Specialised skills: Additional expertise for time-limited projects

Intern Benefits

Increased agility: The ability to respond quickly to changes in the business environment by adjusting staffing levels or bringing in additional resources as needed

Skills development: On-the-job training to reinforce skills gained via the Skills City bootcamp

'Try before you buy' opportunity: Employers can submit a project, free of charge, for our Skills City bootcamp learners to develop and assess the suitability of potential internship candidates

Greater employability: Preparation for a permanent role having had valuable experience working for a business

Complimentary replacement: Should the tech intern be unsuitable for the employer's requirements, or they decide to leave the project, we will provide a replacement at no additional cost

Transferable skills: Real-world application further enhances skills already developed, such as project management



Training Partner

Upskill existing talent in AWS

As a trusted AWS Training Partner, IN4 can upskill your team's cloud skills for optimised productivity.

This will help your team unlock the possibilities of the cloud to streamline operations, strengthen security, and reduce costs - gaining the cloud knowledge they need to tackle complex business challenges and power innovation.

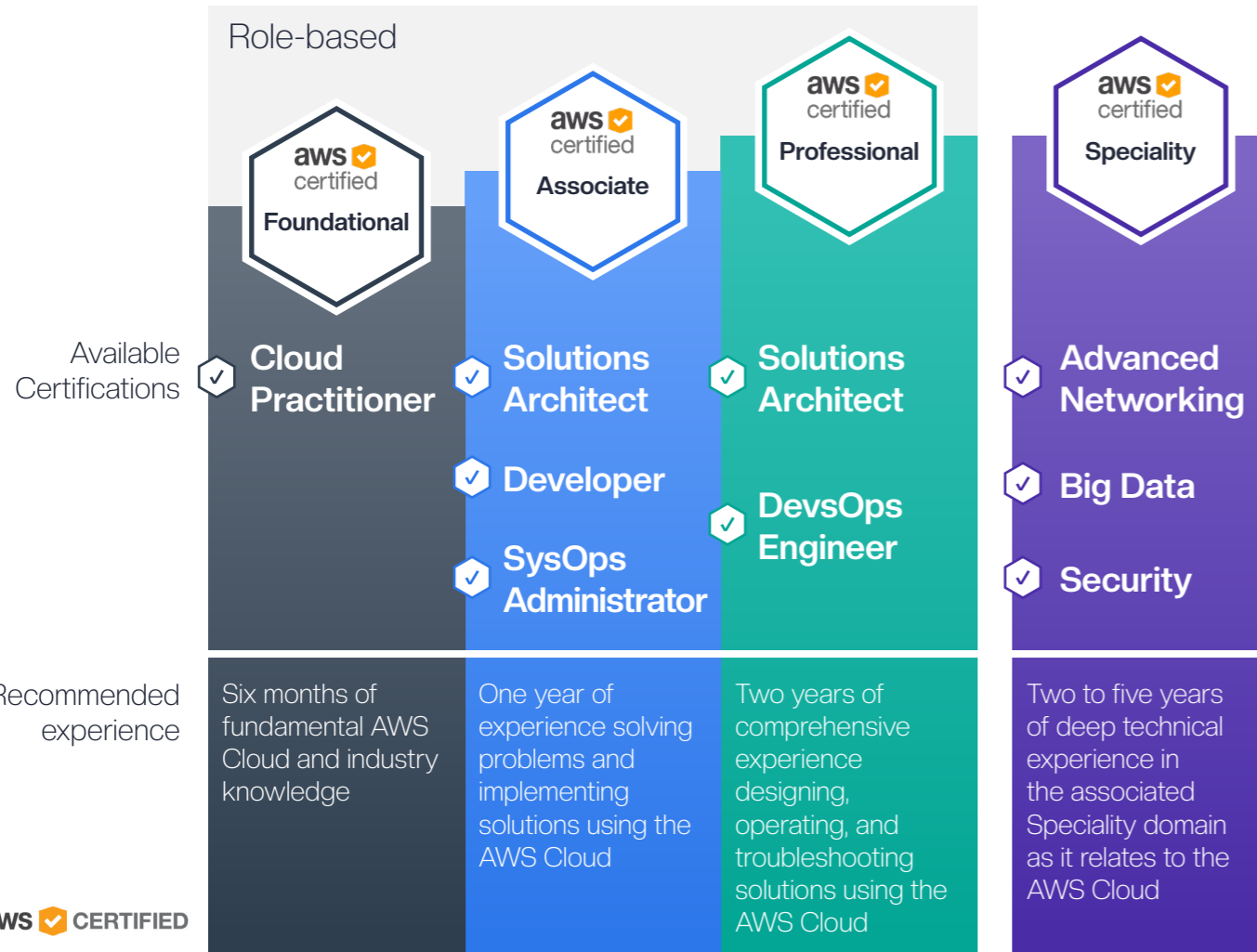
Alongside upskilling, talent will be able to access our AWS Modern Workplace Programme as well as all of the facilities at the AWS Modern Workplace Hub.

Having secured backing from the Department of Education (DfE) and other Local Authorities, we can also offer funding to go towards upskilling your employees.

The AWS Cloud Practitioner offers a full turnkey solution that encompasses training, projects, technical support, and a practical learning hub where you can formulate your ideas and build and test proof of concepts on cloud, IoT data and immersive applications.



AWS Certifications



AWS Sample Course List

Course name	Course level	No of days
Introduction to Securing your AWS Cloud	Foundational	0.5
Machine Learning Basics	Foundational	0.5
AWS Cloud Essentials for Business Leaders	Intermediate	0.5
AWS Technical Essentials	Intermediate	1
AWS Security Essentials	Intermediate	1
AWS Migration Essentials	Intermediate	1
Architecting on AWS	Intermediate	3
Developing Serverless Solutions on AWS	Intermediate	3
Authoring Visual Analytics Using Amazon QuickSight	Intermediate	2
DevOps Engineering on AWS	Advanced	3
Practical Data Science with Amazon SageMaker	Advanced	1

More courses available: Reach out to the team for further details.

Bespoke training solutions

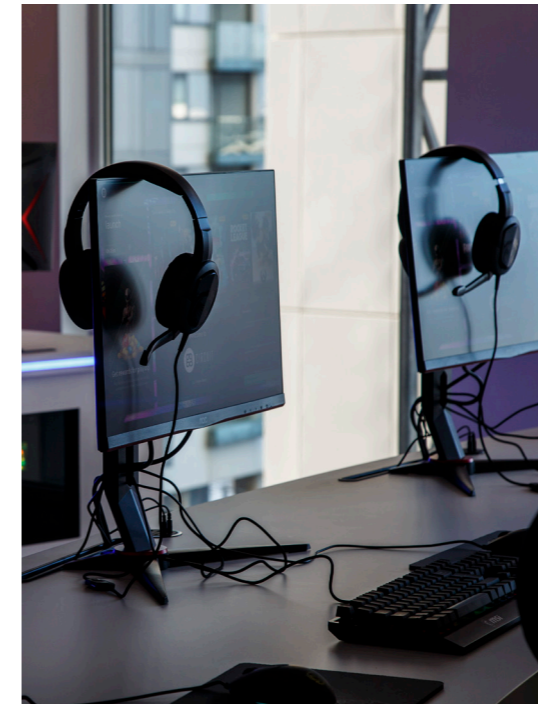
AWS ATP Training, delivered by IN4, allows employees to learn best practices and get live feedback from an expert AWS-accredited instructor.

Training also helps prepare learners to take AWS certification exams, which validate technical skills and expertise with an industry-recognised credential.

Using Amazon's Learning Needs Analysis (LNA) tool, we can analyse your workforce and not only recommend courses but create a tailored long-term

plan for their cloud knowledge that is suited to their experience.

From migration to cloud skill-building and leveraging microservices, we can help your team accelerate the implementation of your business strategy at every phase of your cloud journey.



Team development and training package

At our AWS Modern Workplace Hub, we actively encourage in-person training with team building sessions, such as Discovery Days, at our MediaCity campus. Food, fun and leisure activities can be added to this bespoke team development package.

Whether your team prefers to learn from live classroom instructors, on-demand courses, or both, we offer a breadth of AWS Training options to support your learning needs.

Growing teams can achieve more with the right cloud skills. With a customised

training programme, organisations can benefit from:

- 4x reduction in time to deployment
- 5x reduction in recovery time objectives
- Optimised agility to address evolving client needs

“With the direction and speed the world is moving in, these are the skills we need. Through completing a journey like this, companies can identify the gaps in skillsets and understand where their efforts need to be directed, and who can pick up the missing skills.”



Peter Lai
Continuous Improvement
and 4IR Manager at NGF

Organisational outcomes

from the AWS Cloud Practitioner Talent Solution

Increases productivity

Cost savings

Rapid AWS scalability

Accesses diverse talent

Enhances credibility

Professional qualifications

Strengthens security

Improves operational efficiency



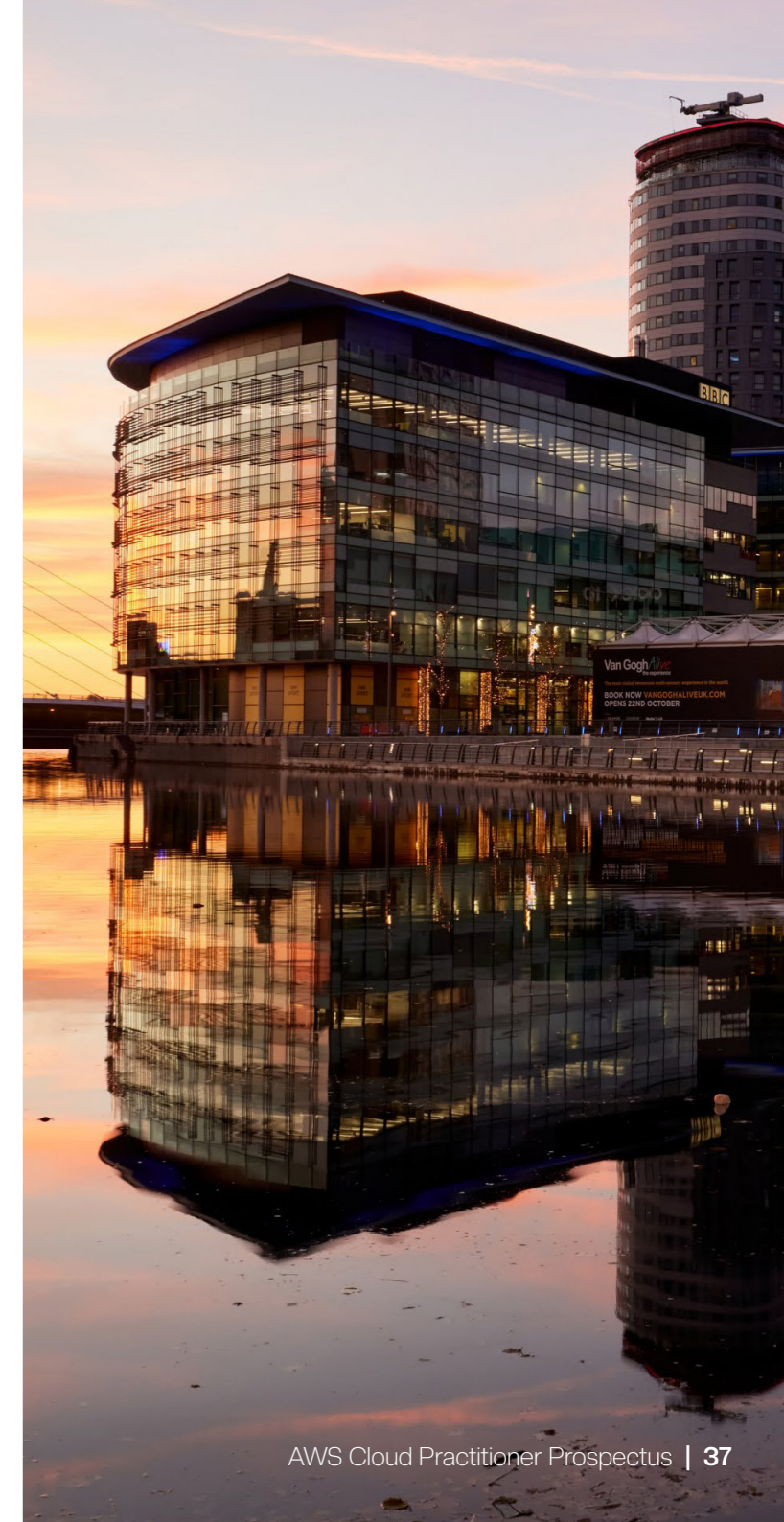
AWS Modern Workplace Hub

In the heart of MediaCity, the AWS Modern Workplace Hub at HOST, the Home of Skills & Technology, offers cutting-edge facilities and a practical learning environment for businesses.

With exclusive access to the AWS Modern Workplace Hub, businesses are not only connected to a place with the latest technology and innovations but also to a community.

The North West community offers opportunities for networking, knowledge sharing and professional development from experienced professionals as part of the AWS ecosystem.

The centre of excellence delivers the AWS Modern Workplace Programme and offers a wide range of labs, facilities and demonstrators. Businesses can access resources and gain hands-on experience with AWS cloud to meet the technical needs of their organisation at the highest level.





The Modern Workplace Programme

Productivity

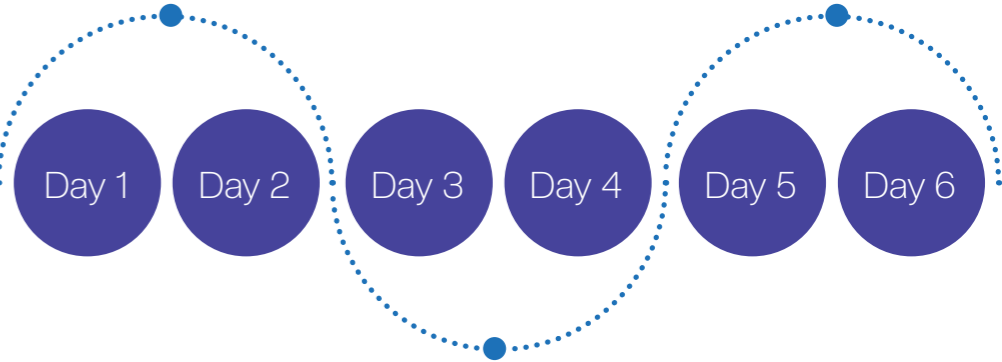
Increase productivity with AI

Personalise

Personalise customer experiences with cloud

Discovery Days

PoC Development



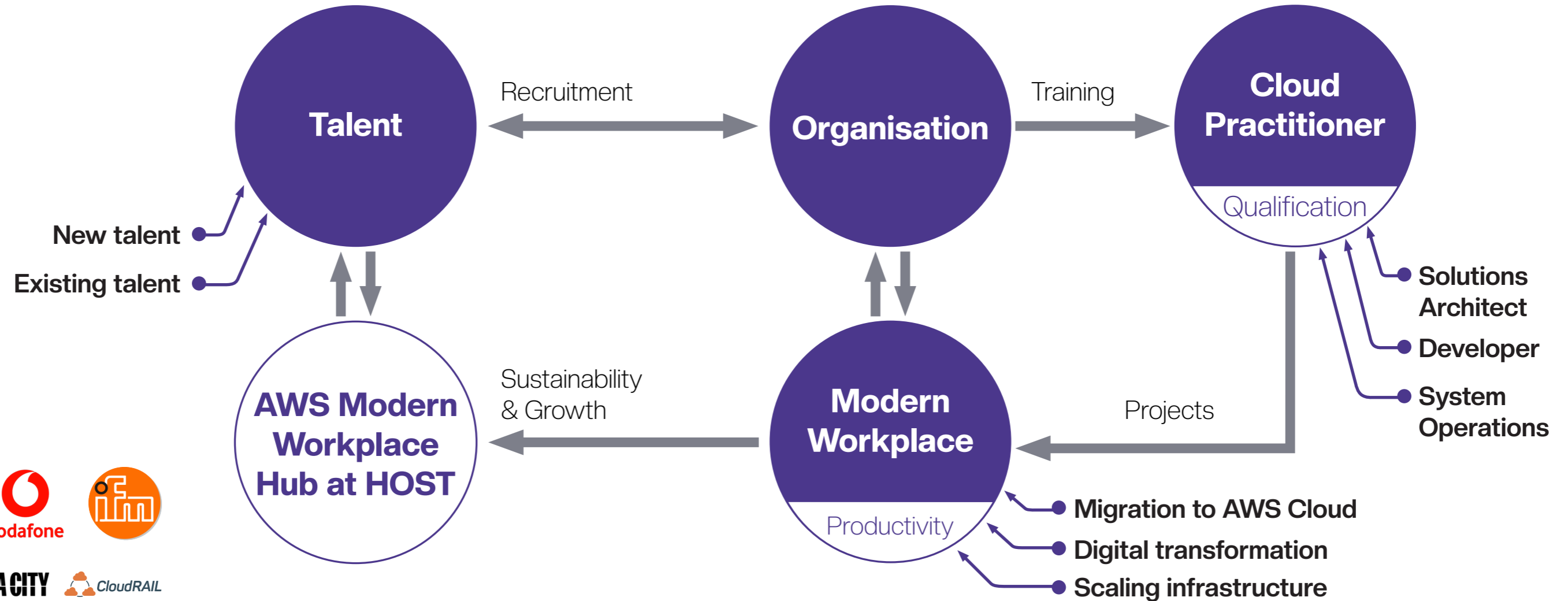
Improve

Analyse and improve continuously with data



Select Training Partner

AWS Cloud Practitioner Talent solution





Vodafone Edge Innovation Lab

The AWS Modern Workplace Hub is home to the UK's first Multi-access Edge Compute (MEC) lab with Vodafone. It can provide extremely low latencies through its IT services and cloud infrastructure.

Within the lab, you can explore how both physical and digital experiences can be utilised. For instance, you could see the loading times allocated to every moving part in a manufacturing process, allowing you to quickly resolve errors and significantly improve production.



IoT demonstrators with ifm

The demonstrators allow companies to use the latest technology to test and verify IoT business use cases.

In collaboration with AWS, ifm and CloudRail, we can provide a complete end-to-end solution from industrial sensors to AWS services, enabling companies to connect industrial machines in hours instead of weeks.



Immersive Lab

The Immersive Lab at HOST provides a high-end, versatile suite of immersive tools and technologies, including a wide range of the latest VR and MR headsets, a motion capture suite and a 4K stereoscopic virtual reality projection system delivering 'VR in the room.'

The Immersive Lab is designed to facilitate applications such as engineering and architectural visualisation, motion capture, virtual production prototyping and development, healthcare training development and delivery, and more.



AWS DeepRacer

Developers of all skill levels can get hands-on with machine learning through a cloud-based 3D racing simulator - a fully autonomous 1/18th scale race car, driven by reinforcement learning and a global racing league.

AWS DeepRacer events are suitable for those from technical and non-technical backgrounds to explore and build skills

with machine learning. Teams benefit from experiencing the fundamentals of reinforcement learning to help them build real-life models that can translate into real-world use cases. Employees from any part of a business can gain a foundational understanding of how they can leverage machine learning to solve business problems.



GAMETECH365

Gametech365

Having already established the first UK Unity Centre of Excellence at HOST, IN4 has now created Gametech365 - an engine for growth that will nurture a community to generate economic empowerment and help creative founding teams build businesses that thrive in the multi-billion pound gametech industry.

It also includes a state-of-the-art Gametech immersive campus that is purpose-built for tournaments, training, education, broadcasting, and live-streaming sessions.



Our Team

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