AiCore

G-Cloud 14
Service Definition

**AI, Data and Cloud
Capability Partner**

Lot 3 Cloud Support

Contents

Introduction

Company overview

AiCore is a leading tech capability partner dedicated to closing the global digital skills gap. We provide organisations with high-impact and cost-effective AI, data and cloud solutions by finding smart, diverse talent to specialise in cutting-edge skills and technologies. By specialising in AI, data, and cloud technologies, we enable businesses to achieve transformative technological impact.

Value Proposition

We empower businesses to build a workforce equipped with essential skills, ensuring they can evolve and stay competitive in the AI era. By retaining our consultants as full-time employees after two years without additional fees, you can preserve valuable intellectual property, enhance your team with in-demand skills, and drive transformation and longevity.

Each year, we train over 2,000 consultants across a range of digital disciplines, giving clients easy access to DevOps, Data Engineering, Cloud and more. Clients can instantly onboard individual or multiple consultants or arrange larger teams of 10+. Our courses are customisable to suit your organisation's cloud and technological environment, ensuring the delivery of the right skills, with geographical and ED&I criteria aligning with long-term retention and workforce plans.

Service Delivery

At AiCore, we recruit talented individuals, train them intensively for 16 weeks in our Ofsted quality-assured programme, and then deploy them to assist with your projects. After two years working with us on assignments, our consultants can join your team as permanent employees at no additional cost, enabling you to strengthen your workforce.

We train our consultants in five specialist areas, providing comprehensive expertise in today's most relevant skills through our immersive 16-week programme. Designed and delivered by our team of industry experts with an average of 16 years' experience across sectors, these programmes ensure our consultants have both depth and breadth of knowledge. Once on-site with client organisations, our consultants can continue to grow through additional up-skilling opportunities and wraparound support services.

Introduction (cont)

Data Engineering Consultants

- Structure, cleanse, align, and correlate complex data sets to deliver enhanced insights.
- Our consultants are proficient in staging and preparing data for advanced analytics and data science, as well as providing analytics expertise.
- They are trained in the latest technologies and programming languages, including: Microsoft Azure, AWS Python, SQL, Data bricks

Data Analysis Consultants

- Combine technology integration, data management, and data governance expertise to achieve critical business objectives.
- Our capabilities span technology integration, data management, domain expertise, and data governance, ensuring alignment with key business goals.
- Our team is proficient in tools and skills like Python, SQL, Microsoft Azure & Power BI

Cloud Engineering Data Product Consultants

- Speed up digital transformation into the cloud, from initial concept to full deployment.
- Consultants are certified in Microsoft Azure and AWS vendor solutions.

Machine Learning Consultants

- Implement off the shelf data science algorithms to tackle today's most critical challenges.
- Leverage fundamental statistics and algorithms to address issues in both structured and unstructured data sets.
- Comprehend the full data science workflow and are skilled technologies and best practices including Python, SQL, and CI/CD.

DevOps Cloud Engineering Consultants

- Streamline software development by automating processes, implementing CI/CD pipelines, and improving collaboration between development and operations teams.
- Leverage fundamental DevOps tools like Git, Jenkins, and Docker to optimise deployment strategies and enhance system reliability across diverse infrastructures.
- Understand the full DevOps lifecycle and are skilled in technologies including Kubernetes, Terraform, and Ansible to ensure seamless infrastructure management and scalability.

How it works

01 Select

We actively seek smart, passionate individuals from all backgrounds, 42% of which identify as female or non-binary.

02 Train

We transform our consultants into next-generation technology experts through 16 weeks of intensive Ofsted quality assured training.

03 Engage

We match our engineers' capabilities with our clients' needs, optimising delivery of projects on client engagements

04 Support

Our People Team provides dedicated professional and personal development guidance for the entirety of our engineers' time on site.

05 Transition

After 2 years, clients can offer permanent roles to our engineers at no additional cost, who continue developing as a member of our Alumni network.

Service Benefits

Accelerated cloud service deployment through the adaptability of AiCore framework:
- Collaborate closely with clients to align services with their objectives
- Offer a risk-mitigated solution with no mandatory minimum cloud service duration
- Extend cloud services to clients nationwide in the UK
- Decrease costs for clients by ensuring uninterrupted service delivery
- Deliver a diverse array of client services tailored to cloud needs
- AiCore maintains responsibility for cloud-based services, reducing client investment risk
- Aid clients with onboarding and ongoing support processes
- Assist clients in securely migrating and hosting their data in the cloud
- AiCore consultants are permanent staff, exempt from IR35 regulations

Service Levels

All service levels are agreed prior to commencement of a project.

Service Constraints

AiCore conducts staff screening checks aligned with the BPSS Standard. Should clients necessitate it, AICore can conduct staff screening checks adhering to alternative standards. AiCore collaborates with each client individually during the initial engagement phase to comprehend their specific staff screening needs, ensuring comprehensive implementation of the required security checks for staff.

Our Services

Data Engineering

Organise, cleanse, align, and correlate complicated data sets to give better insight.

Incorporating the agile methodology, our Data Engineers blend core data engineering principles with insights into data analytics, and proficiency in cloud platforms like AWS and Microsoft Azure. This integration enhances data capabilities and fosters transformative outcomes.

Data Analytics

Dissecting large datasets to reveal patterns and insights, driving informed decisions and innovation across industries.

Our Data Analysts blend practical application with conceptual theories to bolster internal operations and mitigate risk by establishing and executing robust data governance frameworks within client organisations.

Cloud Engineering

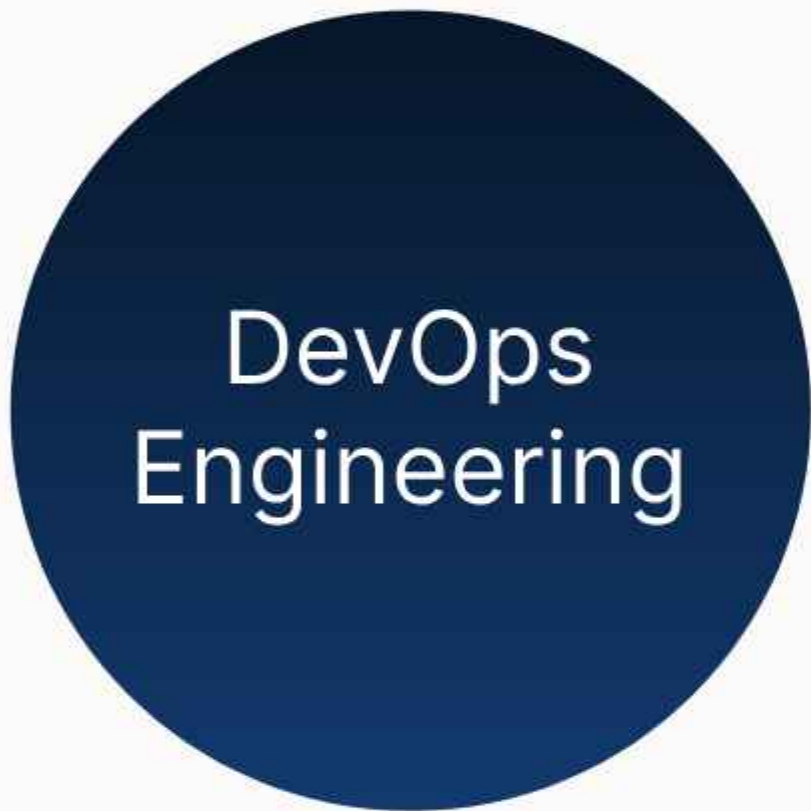### Speed up digital transformation into the cloud, from initial concept to full deployment.

Operating within the agile methodology, our Cloud Engineers merge foundational data engineering principles with expertise in machine learning, data analytics, and proficiency in cloud platforms like AWS and Microsoft Azure. This fusion amplifies data capabilities and catalyses transformative initiatives.

Machine Learning

Automate processes, optimise operations, personalise experiences, detect anomalies, and gain actionable insights from data to drive efficiency, innovation, and competitive edge.

Our Machine Learning Consultants leverage expertise in advanced data analysis and predictive modelling to revolutionise business processes.

Our Services

DevOps Engineering

Streamline software development by automating processes, implementing CI/CD pipelines, and improving collaboration between development and operations teams.

Our DevOps Engineers streamline software development and IT operations by implementing cutting-edge automation and collaboration tools. They specialise in optimising deployment pipelines, ensuring continuous integration and delivery, and enhancing system reliability and scalability. With a focus on efficiency and innovation, our engineers work closely with teams to accelerate development cycles and drive transformative change in organiaations.

Technologies covered

We collaborate with technology leaders and innovators to provide state-of-the-art training, quality assure, and certify our consultants in the tools and platforms essential for business transformation.

python	PostgreSQL	aws	Azure
Power BI	GitHub	Terraform	docker
kubernetes	kafka	databricks	Spark
tableau	Apache Airflow	PyTorch	TensorBoard

Using the Service

Orders and Invoicing

If you're interested in working with AiCore, contact us at:

Tel: +44 (0)20 4536 4172 **Email:** info@theaicore.com

Once your order is received, an Account Manager will be assigned as your main contact. Invoices are generated from monthly timesheets, with a standard 30-day payment term from the service start date.

On-boarding and Off-boarding Process

On-boarding Process: AiCore's Technical Account and Service Delivery Managers will conduct a cloud-based gap analysis with your key stakeholders to identify requirements. We'll create a cloud strategy tailored to your needs, while the Technical Support Team manages additional screening. The Project Manager ensures contract completion.

Off-boarding Process: Upon service completion, AiCore facilitates a seamless knowledge transfer and service handover. We'll address any new requirements and advise on future cloud technology developments with support from our Service Delivery Managers.

Pricing Overview

Please refer to the AiCore SFIA Rate Card.

Financial Recompense

Termination terms are specified in AiCore's standard Terms and Conditions and will apply to the service you select.

Termination Terms

Termination terms are specified in AiCore's standard Terms and Conditions and will apply to the service you select.

Data Backup and Restore/Disaster Recovery

Not Applicable. We are Cyber Essentials and GDPR compliant and continuously review our policies and practices to ensure they are up-to-date and adhere to standards.

Technical Requirements

All technical requirements are reviewed with the client during the project initiation and scoping phase.

Our Commitment

Gender Diversity & Equal Opportunity

1856

INDIVIDUALS TRAINED

42%

IDENTIFY AS FEMALE
OR NON-BINARY

0%

MEDIAN GENDER PAY
GAP ACROSS
CONSULTANTS

We are tackling the gender divide across the technology industry, as women occupy just 25% of roles globally. Our goal is to hire 45% female and non-binary consultants. As an Equal Opportunities Employer, we reported a 0% median gender pay gap across our consultants in 2023.

Social Value

For every consultant trained, we donate complementary up-skilling to an estimated 34 individuals. As a government-backed partner supporting the National Skills Fund, AiCore collaborates with the Department for Education to provide training courses to individuals on the deprivation list across the UK. Our commitment is to empower individuals from disadvantaged backgrounds, helping them up-skill and secure meaningful employment.

We achieve this by:

1. Partnering with Local and National Authorities: We align our training programs with local skills improvement plans and nationwide development strategies to ensure that our curriculum addresses the specific needs of communities across the UK.
2. Supporting Diversity and Inclusion: By providing accessible and inclusive courses, we strive to close diversity gaps and offer underrepresented individuals opportunities to thrive in the tech industry.
3. Promoting Economic Empowerment: Our targeted training helps learners achieve significant career progress, boosting their earning potential and enabling them to contribute positively to the economy.

**Funded by
UK Government**

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