

AWS CERTIFICATION PATHS

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AWS Cloud Expert

aws



ARCHITECTURE

SOLUTIONS ARCHITECT

Creates and oversees cloud infrastructure, ensuring efficient use of cloud resources and smooth migration of applications in collaboration with DevOps. Focuses on cloud strategy, cost optimization, and scalable deployment solutions.



APPLICATION ARCHITECT

Develops the core structure of applications, including user interface, middleware, and infrastructure, to meet enterprise standards. Ensures scalability, security, reliability, and seamless integration across systems.



DATA ANALYTICS

CLOUD DATA ENGINEER

Automates the acquisition and processing of structured and semi-structured data while continuously monitoring and optimizing data pipeline performance.



Optional for IT/
cloud professionals



Recommended for
IT/Cloud professionals
working on AI/ML projects



Dive Deep



DEVELOPMENT

SOFTWARE DEVELOPMENT ENGINEER

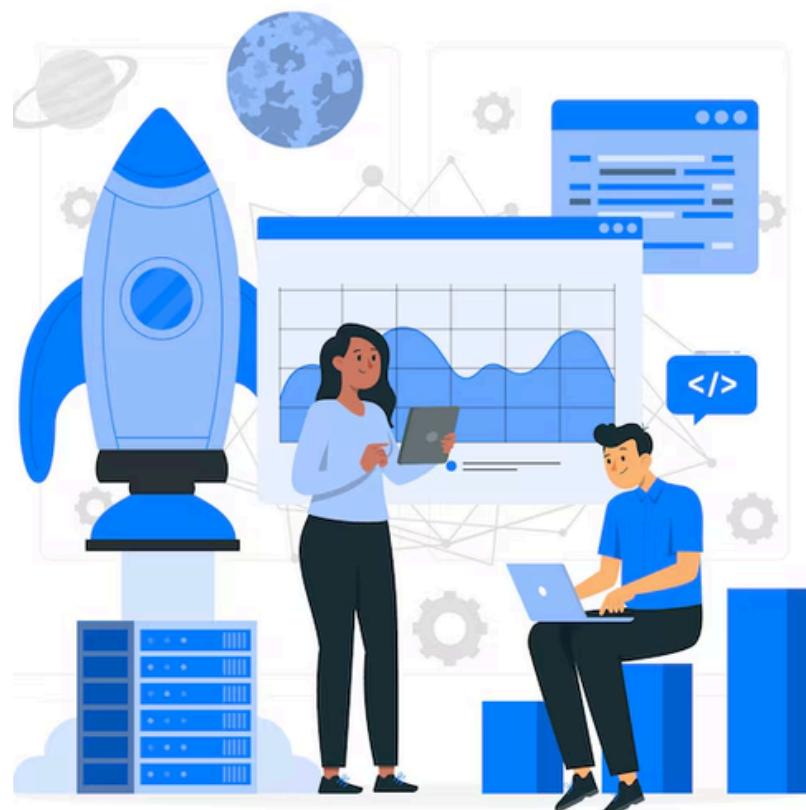
Develop, design, and maintain software platforms and devices, ensuring seamless performance and scalability across various environments.



*Optional for IT/
cloud professionals*



*Recommended for IT/cloud
professionals to leverage AI*



Get hands-on cloud experience, and a standout cloud portfolio in less than 6 months.

OPERATIONS

SYSTEMS ADMINISTRATOR

Install, upgrade, and maintain computer hardware and software components while integrating automation processes for efficient system management.



CLOUD ENGINEER

Implement and manage an organization's networked computing infrastructure, ensuring robust security systems to safeguard data integrity and availability.



DEVOPS

TEST ENGINEER

Ensure quality and reliability throughout the software development lifecycle by integrating testing best practices from design to deployment.



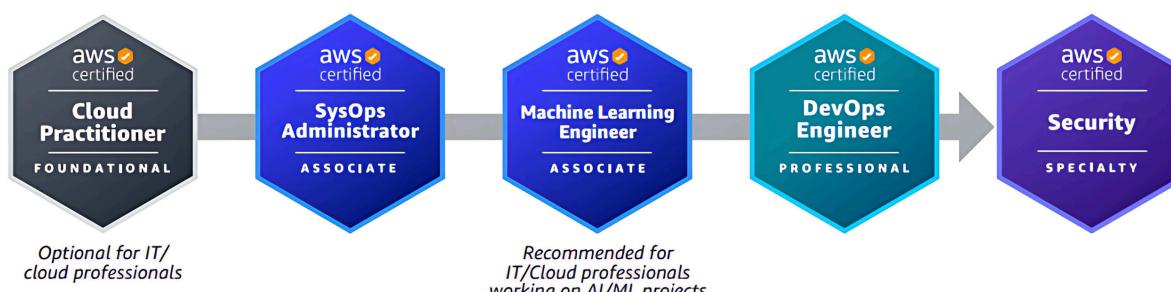
CLOUD DEVOPS ENGINEER

Drive the design, implementation, and management of scalable hybrid cloud infrastructures while enabling seamless, fully automated CI/CD pipelines.



DEVSECOPS ENGINEER

Foster secure cloud adoption by delivering fast, stable, and secure solutions using CI/CD methodologies, advanced tools, and best practices.



SECURITY

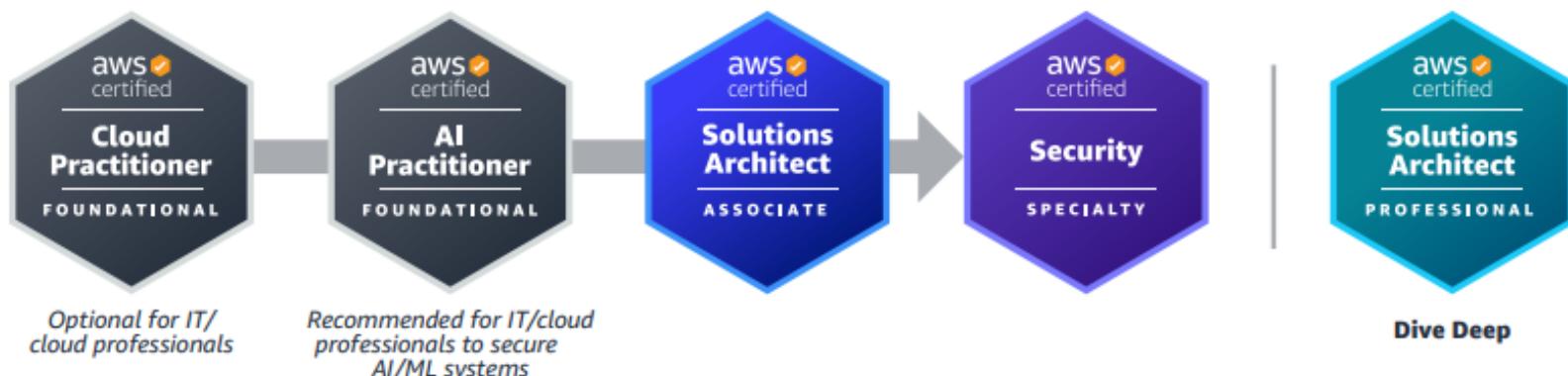
CLOUD SECURITY ENGINEER

Develop robust cybersecurity architectures and implement detailed security designs. Oversee the execution and monitoring of security measures to safeguard sensitive information.



CLOUD SECURITY ARCHITECT

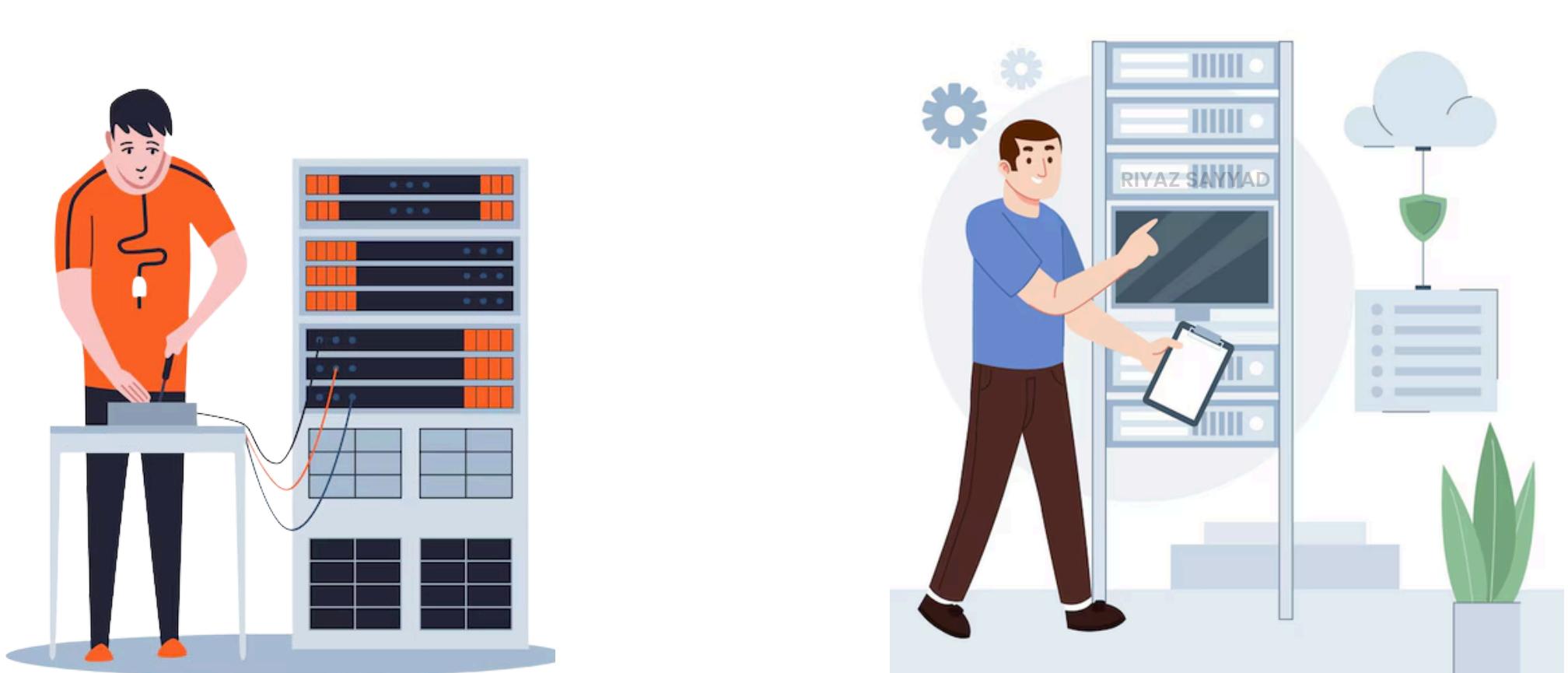
Design enterprise cloud solutions with a focus on governance, risk identification, and mitigation. Ensure alignment with both business and technical objectives to reduce vulnerabilities.



NETWORKING

NETWORK ENGINEER

Plan, design, and implement computer and information networks, such as local area networks (LANs), wide area networks (WANs), intranets, and extranets. Ensure efficient communication and data exchange by configuring, managing, and optimizing network systems to meet organizational needs.

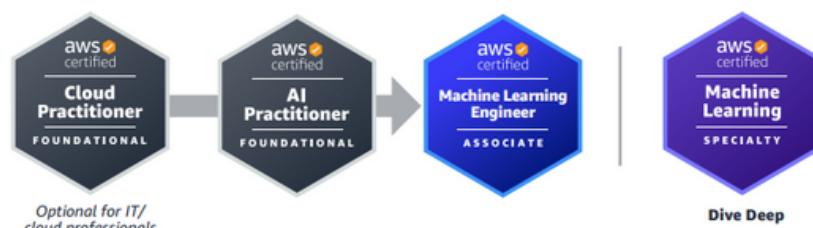


AI/ML

RIYAZ SAYYAD

PROMPT ENGINEER

Craft, test, and optimize text prompts to enhance the effectiveness of AI language models.



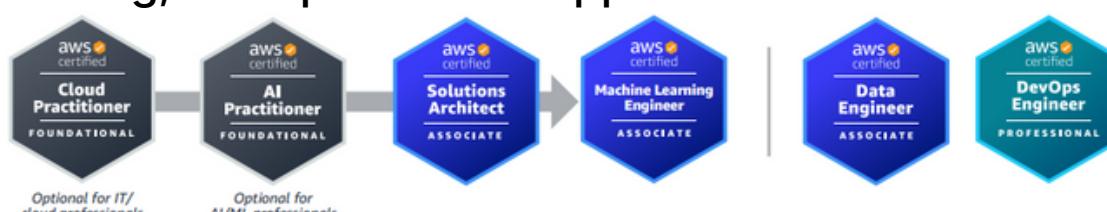
MACHINE LEARNING ENGINEER

Design, develop, and implement AI systems for predictive automation while building and refining machine learning models, frameworks, and workflows.



MACHINE LEARNING OPS ENGINEER

Establish and manage AI/ML infrastructure, ensuring seamless model deployment, activity monitoring, and operational support.



DATA SCIENTIST

Create and implement AI/ML solutions to address business challenges, focusing on model development, training, and performance optimization.





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