



JOB ROLES FOR CLOUD

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Exploring Career
Opportunities in Cloud
Computing

KEY JOB ROLES IN CLOUD COMPUTING

- Cloud Architect
- Cloud Engineer
- Cloud Security Specialist
- DevOps Engineer
- Cloud Developer
- Cloud Consultant
- Data Engineer
- Cloud Product Manager

CLOUD ARCHITECT

- Responsibilities: Designing cloud environments, overseeing cloud infrastructure, etc.
- Required Skills: Architecture design, security, networking, etc.
- Relevant Certifications: AWS Certified Solutions Architect, Azure Solutions Architect Expert, etc.

CLOUD ENGINEER

- Responsibilities: Implementing and managing cloud solutions, automation, etc.
- Required Skills: Scripting, automation tools, cloud services, etc.
- Relevant Certifications: AWS Certified SysOps Administrator, Azure Administrator Associate, etc.

CLOUD SECURITY SPECIALIST

- Responsibilities: Ensuring security of cloud environments, compliance, etc.
- Required Skills: Security protocols, compliance standards, etc.
- Relevant Certifications: AWS Certified Security Specialty, Azure Security Engineer Associate, etc.

DEVOPS ENGINEER

- Responsibilities: *CI/CD pipelines, automation, collaboration between development and operations, etc.
- Required Skills: CI/CD tools, scripting, cloud platforms, etc.
- Relevant Certifications: AWS Certified DevOps Engineer, Azure DevOps Engineer Expert, etc.

* Continuous Integration , Continuous Deployment.

CLOUD DEVELOPER

- Responsibilities: Developing cloud-based applications, microservices, etc.
- Required Skills: Programming languages, cloud services, etc.
- Relevant Certifications: AWS Certified Developer, Google Professional Cloud Developer, etc.

CLOUD CONSULTANT

- Responsibilities: Advising businesses on cloud strategies, implementation, etc.
- Required Skills: Business acumen, cloud solutions knowledge, etc.
- Relevant Certifications: AWS Certified Solutions Architect, etc.

DATA ENGINEER

- Responsibilities: Managing data pipelines, big data solutions, etc.
- Required Skills: Data warehousing, ETL processes, cloud data services, etc.
- Relevant Certifications: Google Professional Data Engineer, AWS Certified Data Analytics Specialty, etc.

CLOUD PRODUCT MANAGER

- Responsibilities: Managing cloud products, stakeholder communication, etc.
- Required Skills: Product management, cloud services knowledge, etc.
- Relevant Certifications: None specific but product management certifications help

CAREER PATHWAYS AND GROWTH OPPORTUNITIES

- Entry-Level to Senior-Level Positions
- Potential Career Progression

POPULAR CLOUD PLATFORMS

- AWS
- Microsoft Azure
- Google Cloud Platform
- Other Platforms

CERTIFICATIONS AND TRAINING

- Popular Certifications
 - AWS Certified Solutions Architect
 - Microsoft Certified: Azure Solutions Architect Expert
 - Google Professional Cloud Architect
- Training Resources