A CAREER IN CLOUD COMPUTING COULD BE FOR YOU

Southwest Connecticut TECHHUB
CTTechHub.org

START YOUR CAREER HERE:

Cloud Support Specialist

Starting Average Salary: **$68,000**

Provides technical support for cloud services, addressing end user issues and resolving problems.

Cloud Operations Associate

Starting Average Salary: **$74,000**

Assists in the day-to-day operations of cloud infrastructure, ensuring smooth performance and stability.

HERE ARE SOME FUTURE ROLES:

Cloud Developer

Starting Average Salary: **$98,000**

Builds cloud-based applications, optimizes performance, and ensures scalability. You'll be writing code, integrating cloud APIs, and leveraging cloud-native services.

Cloud Solutions Architect

Starting Average Salary: **$144,000**

Designs cloud systems. You'll be assessing requirements, selecting cloud services, and ensuring secure and scalable implementations.

Cloud Security Engineer

Starting Average Salary: **$158,000**

Protects cloud environments, detects threats, and enforces security policies by implementing encryption, monitoring vulnerabilities, and ensuring industry compliance.

Scan here to discover more about Tech Careers in CT

Salary data compiled from CT DOL Office of Research, Labor Market Information

CYBERSECURITY RESOURCES

Here you'll find education options, starter projects, and local organizations, so you can discover more about this career path.

Three Education Options for **A Career in Cloud Computing:**

Direct-to-Workforce Technical Training.

CT Tech Hub and The WorkPlace offer short-term, virtual training for certifications like AWS Cloud Practitioner and AWS Cloud Solutions Architect.

Two-Year Associate Degree Programs.

CT State offers a two-year Computer Information Systems Degree: Cloud Computing Option, great for getting started in the field.

Four-Year Bachelor's and Master's Programs.

UConn Stamford offers a degree in computer science to arm you with strong theoretical foundations supporting diverse roles in computers and technology.

Three Great Projects for **Exploration:**

Deploy a Personal Cloud Lab
Set up a cloud environment using free tiers from AWS, Azure, or Google Cloud. Practice launching virtual machines, configuring storage, and managing security settings.

Learn Cloud Automation Basics
Use online sandbox tools like AWS CloudShell to run basic cloud commands. Start with simple scripts to create storage buckets, launch virtual machines, or set permissions.

Explore Cloud Security with Free Tools
EUse AWS IAM (Identity and Access Management) to experiment with user permissions and security policies. Try setting up multi-factor authentication.

Additional Resources:

AWS Student Hub
Provides free training, hands-on labs, and mentorship from AWS professionals.

Google Developer Clubs
Google-backed clubs that focus on cloud, AI, and development skills. Great for networking and learning Google Cloud fundamentals.

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