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**Mikey Patterson**Consecutive Days: **1**Pathways Completed: **0**Badges Earned: **0**Preferred Language: English

Cloud technology is everywhere, creating over 18 million cloud jobs worldwide (source: Wanted Analytics). AWS Educate introduces you to lucrative cloud-enabled careers through more than 25 learning pathways, each with content from industry professionals, learning activities and labs, opportunities to earn AWS Educate Badges and Certificates of Completion, and access to the AWS Educate Job Board. Coupled with courses at your school or through online providers, AWS Educate puts you on the pathway to your dream job in the clouds.

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### Search Thousands of Cloud Jobs and Internships on the AWS Educate Job Board

As an AWS Educate member, you now have access to a new job board experience meant to make finding a cloud career more streamlined. Search cloud-related jobs from Amazon and employers in the AWS Partner Network.

[Learn More](#)

### Access AWS Services





[Use a personal AWS Account →](#)

[Use an AWS Educate Starter Account →](#)

0:00 / 3:07

Which option is right for me?

[Learn More →](#)



### Suggested Jobs

**Cloud Support Associate**

## Go to “My Classrooms” on the top menu

### My Classrooms

View your list of Classroom invitations and accept or decline the invitation. Access a Classroom by clicking Go to my classroom.

Course Name !↑	Description	Educator !↑	Course End Date !↑	Credit Allocated Per Student !↑	Status
Web Prog Using Javascript	This course teaches students to create dynamic Web pages using the popular Web scripting language, JavaScript. This is the course for beginning web programmers with prior knowledge of HTML. JavaScript, a popular scripting language, adds interactive functions to HTML pages and is widely supported in Web browsers and other Web tools. This course also discusses the Document Object Model (DOM) specification published by the World Wide Web Consortium (W3C). This course features hands-on projects, a step-by-step methodology, as well as additional exercises.	Manish Patel	12/31/2019	\$50	Accepted <a href="#">Go to classroom ↗</a>
Introduction To Web Development Html5 & Css	This course teaches students to build web pages using HTML5. It will give students hands-on experience in building web pages from scratch. The topics covered include designing basic layout of the page, Creating pages with images, links, Forms, Tables, and Media elements. The advance topics such as Cascading Style sheets and publishing to the web site are also covered.	Manish Patel	12/31/2019	\$50	Accepted <a href="#">Go to classroom ↗</a>
MS SQL Server	ICM MS SQL Server	Manish Patel	12/22/2019	\$100	Accepted <a href="#">Go to classroom ↗</a>


Click on Go to classroom, and then “Continue”


## Welcome to AWS Educate Classroom Account


Use your AWS Educate Classroom Account to access to a wide variety of AWS Services and start building! Click on the AWS Console button to sign in and get started.

- [What regions can I use with a Classroom Account?](#)
- [Are Service Linked Roles supported?](#)
- [I can't start any resources. What happened?](#)
- [Can I create users within my Classroom Account for others to access?](#)
- [Can I create my own IAM policy within Starter Account or Classroom?](#)
- [How can I use IAM roles within AWS services?](#)
- [Are there any restrictions on AWS services in my Classroom Account?](#)

## Your Classroom Account Status

 **Active**  
full access (csit.assign@gmail.com)

 **\$50**  
remaining credits (estimated)

 **2:60**  
session time

[Account Details](#) [AWS Console](#)



Click on AWS Console. This may take some time the first time.

# AWS Management Console

## AWS services

### Find Services

You can enter names, keywords or acronyms.

Cloud9

A Cloud IDE for Writing, Running, and Debugging Code

#### Recently visited services

Cloud9

► All services

## Build a solution

Get started with simple wizards and automated workflows.

### Launch a virtual machine

With EC2

2-3 minutes



Build using virtual servers

### Build a web app

With Elastic Beanstalk

6 minutes



Connect an IoT device

## Access resources on the go



Access the Management Console using the AWS Console Mobile App.

[Learn more](#)

## Explore AWS

### EC2 Spot Instances

Run fault-tolerant workloads on Spot Instances and save up to 90% on compute. [Learn more](#)

### Amazon SageMaker

Machine learning for every developer and data scientist. [Learn more](#)

### CloudEndure Migration

Re-host a large number of machines to AWS without worrying about compatibility, performance disruption, or long cutover windows. [Get started](#)

### Amazon RDS

Type cloud9 in the Find Services textbox. Click on Cloud9 in the listbox.

Developer Tools

# AWS Cloud9

## a cloud IDE for writing, running, and debugging code

AWS Cloud9 allows you to write, run, and debug your code with just a browser. With AWS Cloud9, you have immediate access to a rich code editor, integrated debugger, and built-in terminal with preconfigured AWS CLI. You can get started in minutes and no longer have to spend the time to install local applications or configure your development machine.

### New AWS Cloud9 environment

[Create environment](#)

## How it works

Create an AWS Cloud9 development environment on a new Amazon EC2 instance or connect it to your own Linux server through SSH. Once you've created an AWS Cloud9 environment, you will have immediate access to a rich code editor, integrated debugger, and built-in terminal with pre-configured AWS CLI – all within your browser.

Using the AWS Cloud9 dashboard, you can create and switch between many different AWS Cloud9 environments, each one containing the custom tools, runtimes, and files for a specific project.

## Getting started

<a href="#">Before you start</a>	2 min read
<a href="#">Create a environment</a>	3 min read
<a href="#">Working with environments</a>	15 min read
<a href="#">Working with the IDE</a>	10 min read
<a href="#">Working with AWS Lambda</a>	5 min read

Click on Create environment.

Use the following when creating your environment.

Name: LastName First Initial – CS962-Fall19

Description: CS 962 classwork.

As shown below:

AWS Cloud9 > Environments > Create environment

Step 1  
**Name environment**

Step 2  
Configure settings

Step 3  
Review

## Name environment

### Environment name and description

**Name**  
The name needs to be unique per user. You can update it at any time in your environment settings.

Limit: 60 characters

**Description - *Optional***  
This will appear on your environment's card in your dashboard. You can update it at any time in your environment settings.

Limit: 200 characters

Cancel **Next step**

Step 2

Configure settings

Step 3

Review

## Environment settings

### Environment type [Info](#)

Choose between creating a new EC2 instance for your new environment or connecting directly to your server over SSH.

☒ **Create a new instance for environment (EC2)**

Launch a new instance in this region to run your new environment.

☐ **Connect and run in remote server (SSH)**

Display instructions to connect remotely over SSH and run your new environment.

### Instance type

☒ **t2.micro (1 GiB RAM + 1 vCPU)**

Free-tier eligible. Ideal for educational users and exploration.

☐ **t2.small (2 GiB RAM + 1 vCPU)**

Recommended for small-sized web projects.

☐ **m4.large (8 GiB RAM + 2 vCPU)**

Recommended for production and general-purpose development.

☐ **Other instance type**

Select an instance type.

t3.nano

### Platform

☒ **Amazon Linux**

☐ **Ubuntu Server 18.04 LTS**

### Cost-saving setting

Choose a predetermined amount of time to auto-hibernate your environment and prevent unnecessary charges. We recommend a hibernation settings of half an hour of no activity to maximize savings.

After 30 minutes (default)

### IAM role

AWS Cloud9 creates a service-linked role for you. This allows AWS Cloud9 to call other AWS services on your behalf. You can delete the role from the AWS IAM console once you no longer have any AWS Cloud9 environments. [Learn more](#)

AWSServiceRoleForAWSCloud9

### ► Network settings (advanced)

Cancel

Previous step

Next step

Use the default setting in this step.

Step 3  
Review

Name

PattersonM-CS962-Fall19

Description

CS 962 classword

Environment type

EC2

Instance type

t2.micro

Subnet

Platform

Amazon Linux

Cost-saving settings



After 30 minutes (default)

IAM role

AWSServiceRoleForAWSCloud9 (generated)



**We recommend the following best practices for using your AWS Cloud9 environment**

- Use **source control and backup** your environment frequently. AWS Cloud9 does not perform automatic backups.
- Perform regular **updates of software** on your environment. AWS Cloud9 does not perform automatic updates on your behalf.
- **Turn on AWS CloudTrail in your AWS account** to track activity in your environment. [Learn more](#) 
- Only share your environment with **trusted users**. Sharing your environment may put your AWS access credentials at risk. [Learn more](#) 

Cancel

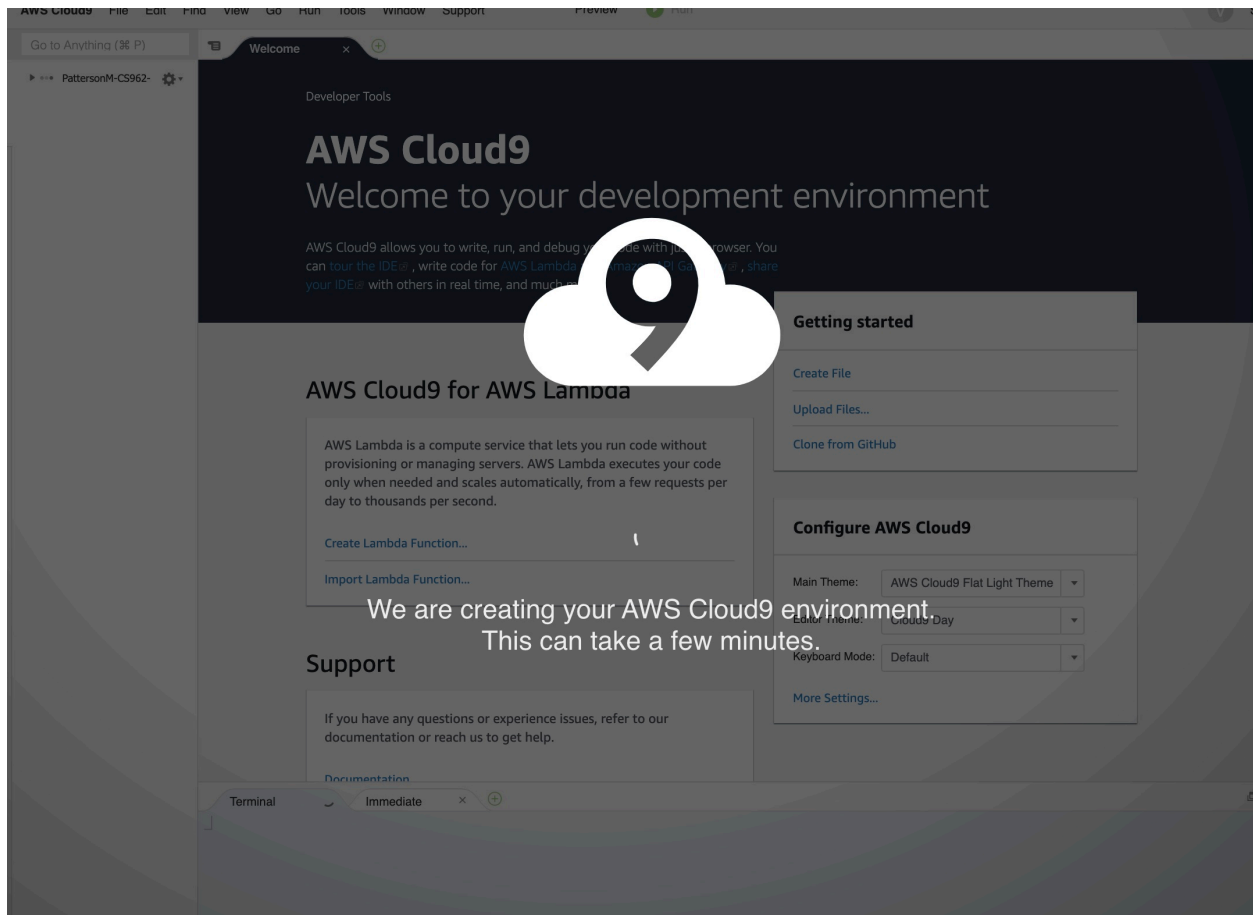
Previous step

Create environment

Click Create environment.



This can take some time:



After the Cloud9 environment has been created

Take a screenshot.

Submit the assignment by uploading the screenshot of your Cloud9 environment.