



App running on browser

```
devops-build > simple-site > ! buildspec.yml
1  version: 0.2
2
3  phases:
4    install:
5      commands:
6        - echo "Starting build..."
7    build:
8      commands:
9        - echo "Build phase - nothing to compile for static site"
10  artifacts:
11    files:
12      - '**/*'
13    discard-paths: no
14
```

Buildspec.yml

```
ubuntu@ip-172-31-42-104:~$ ls -l /var/www/html/
total 28
-rwxr-xr-x 1 www-data www-data 350 Sep 10 15:10 index.html
-rwxr-xr-x 1 www-data www-data 19045 Sep 10 15:10 install
drwxr-xr-x 2 www-data www-data 4096 Sep 10 15:08 scripts
ubuntu@ip-172-31-42-104:~$
```

Ec-2 deployment

The screenshot displays the AWS Management Console interface for an EC2 instance. The top navigation bar shows the AWS logo, a search bar, and the account ID 2882-0695-3113. The left sidebar contains navigation links for EC2, including Dashboard, AWS Global View, Events, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, and Capacity Reservations. The main content area shows the 'Instance summary for i-047de737c67bfa7c1 (Task5)'. The instance is in a 'Running' state. Key details include: Instance ID i-047de737c67bfa7c1, Public IPv4 address 3.108.184.1, Private IPv4 address 172.31.42.104, Public DNS ec2-3-108-184-1.ap-south-1.compute.amazonaws.com, Private IP DNS name ip-172-31-42-104.ap-south-1.compute.internal, and Instance type t2.micro.

Instance summary for i-047de737c67bfa7c1 (Task5)		
Instance ID	Public IPv4 address	Private IPv4 addresses
i-047de737c67bfa7c1	3.108.184.1 open address	172.31.42.104
IPv6 address	Instance state	Public DNS
-	Running	ec2-3-108-184-1.ap-south-1.compute.amazonaws.com open address
Hostname type	Private IP DNS name (IPv4 only)	Elastic IP addresses
IP name: ip-172-31-42-104.ap-south-1.compute.internal	ip-172-31-42-104.ap-south-1.compute.internal	-
Answer private resource DNS name	Instance type	
IPv4 (A)	t2.micro	

Ec-2 instance

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DevOps / scripts /

R Merge branch 'main' of <https://github.com/Deepak-r-2001/DevOps> fe9393e · 3 hours ago [History](#)

Name	Last commit message	Last commit date
..		
before-install.sh	Add before-install script for CodeDeploy	3 months ago
install_dependencies.sh	Initial commit: add project files	3 hours ago
start_server.sh	Initial commit: add project files	3 hours ago
validate.sh	Initial commit: add project files	3 hours ago

Github repo

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Source

1aeea4ce-07c3-43c3-8460-23ca9d9268b3

All actions succeeded.

Source

GitHub (via OAuth app)

Sep 8, 2025 5:36 PM (UTC+5:30)

f2c6ca30

 Source: Add files

Build

1aeea4ce-07c3-43c3-8460-23ca9d9268b3

All actions succeeded.

Build

AWS CodeBuild

Sep 8, 2025 5:37 PM (UTC+5:30)

f2c6ca30

 Source: Add files

CloudShell [Feedback](#)

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Pipeline

```
ubuntu@ip-172-31-42-104:~$ sudo cp -r /home/ubuntu/* /var/www/html/
ubuntu@ip-172-31-42-104:~$ sudo chown -R www-data:www-data /var/www/html/
ubuntu@ip-172-31-42-104:~$ sudo chmod -R 755 /var/www/html/
ubuntu@ip-172-31-42-104:~$ sudo systemctl start apache2
ubuntu@ip-172-31-42-104:~$
```

Terminal commands for deployment

```
devops-build > simple-site > ! appspec.yml
1  version: 0.0
2  os: linux
3  files:
4    - source: /
5      destination: /var/www/html
6  hooks:
7    BeforeInstall:
8      - location: scripts/install_dependencies.sh
9        timeout: 300
10       runas: root
11    ApplicationStart:
12      - location: scripts/start_server.sh
13        timeout: 300
14       runas: root
15    ValidateService:
16      - location: scripts/validate.sh
17        timeout: 60
18       runas: root
19
```

appspec.yml (codeDeploy)

devops-build > simple-site > index.html > ...

```
1 <!doctype html>
2 <html>
3   <head>
4     <meta charset="utf-8"/>
5     <title>My AWS CI/CD Demo</title>
6   </head>
7   <body>
8     <h1>Deployed via AWS CodePipeline → CodeBuild → CodeDeploy</h1>
9     <p>Deployed on: <span id="ts"></span></p>
10    <script>document.getElementById('ts').innerText = new Date().toString();</script>
11  </body>
12 </html>
13
```

index.html