

Cloud-Native Hostel Management System: Architecture and Optimization

**(ERRORS RESOLVED DOCUMENT – Asma Haider – BSSE23051- Uzair Abdullah –
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Technical issues encountered and how they were resolved

The screenshot shows a Windows desktop environment with the Visual Studio Code application open. The terminal window displays the following PowerShell session:

```
PS C:\Users\hh\Desktop\HMS> (Get-ECRLoginCommand).Password | docker login --username AWS --password-stdin 891377334911.dkr.ecr.us-east-1.amazonaws.com
Get-ECRLoginCommand : The term 'Get-ECRLoginCommand' is not recognized as the name of a cmdlet, function, script file, or operable program. Check the spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:2
+ (Get-ECRLoginCommand).Password | docker login --username AWS --passwo ...
+ ~~~~~
    + CategoryInfo          : ObjectNotFound: (Get-ECRLoginCommand:String) [], CommandNotFoundException
    + FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\hh\Desktop\HMS> Install-Module -Name AWSTools
Install-Module : Administrator rights are required to install modules in 'C:\Program Files\WindowsPowerShell\Modules'. Log on to the computer with an account that has Administrator rights, and then try again, or install 'C:\Users\hh\Documents\WindowsPowerShell\Modules' by adding "-Scope Local".
At line:1 char:1
+ Install-Module -Name AWSTools
+ ~~~~~
    + CategoryInfo          : InvalidArgument: () [Install-Module], ArgumentException
    + FullyQualifiedErrorId : InstallModuleNeedsCurrentUserScopeParameterForNonAdminUser,Install-Module
```

The screenshot shows a Windows desktop environment with the Visual Studio Code application open. The title bar reads "File Edit Selection View Go ... QL HMS [Administrator]". The left sidebar contains icons for Explorer, File Explorer, Templates, Dockerignore, Gitattributes, .gitignore, app.py, Dockerfile, forms.py, LICENSE, models.py, Pipfile, Pipfile.lock, Procfile, Readme.md, requirements.txt, runtime.txt, Screenshot from 2025..., SECURITY.md, OUTLINE, and TIMELINE. The main area has tabs for requirements.txt M, Dockerfile M, and app.py 9+, M. The terminal tab is active, showing the following PowerShell session:

```
PS C:\Users\hh\Desktop\HMS> * History restored

PS C:\Users\hh\Desktop\HMS> (Get-ECRLoginCommand -Region us-east-1).Password | docker login --username AWS -password-stdin 891377334911.dkr.ecr.us-east-1.amazonaws.com
Get-ECRLoginCommand : The term 'Get-ECRLoginCommand' is not recognized as the name of a cmdlet, function, script file, or operable program. Check the spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:2
+ (Get-ECRLoginCommand -Region us-east-1).Password | docker login --use ...
+ ~~~~~
    + CategoryInfo          : ObjectNotFound: (Get-ECRLoginCommand:String) [], CommandNotFoundException
    + FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\hh\Desktop\HMS> Get-Module -ListAvailable -Name AWS.Tools.ECR
PS C:\Users\hh\Desktop\HMS> Import-Module AWS.Tools.ECR
Import-Module : The specified module 'AWS.Tools.ECR' was not loaded because no valid module file was found in any module directory.
At line:1 char:1
+ Import-Module AWS.Tools.ECR
+ ~~~~~
    + CategoryInfo          : ResourceUnavailable: (AWS.Tools.ECR:String) [Import-Module], FileNotFoundException
```

The screenshot shows a Windows desktop environment with VS Code open. The terminal window displays the following error message:

```
PS C:\Users\hh\Desktop\HMS> Set-ExecutionPolicy -ExecutionPolicy RemoteSigned -Scope CurrentUser
PS C:\Users\hh\Desktop\HMS> (Get-ECRLoginCommand -Region us-east-1).Password | docker login --username AWS ->
password-stdin 891377334911.dkr.ecr.us-east-1.amazonaws.com
Get-ECRLoginCommand : Failed to resolve AWS credentials. The credential providers used to
search for credentials returned the following errors:
Exception 1 of 4: The environment variables
AWS_ACCESS_KEY_ID/AWS_SECRET_ACCESS_KEY/AWS_SESSION_TOKEN were not set with AWS
credentials.
Exception 2 of 4: The webIdentityTokenFile must be an absolute path.
Parameter name: webIdentityTokenFile
Exception 3 of 4: Unable to find the "default" profile.
Exception 4 of 4: Failed to connect to EC2 instance metadata to retrieve credentials:
Unable to get IAM security credentials from EC2 Instance Metadata Service..
At line:1 char:2
+ (Get-ECRLoginCommand -Region us-east-1).Password | docker login --use ...
+ ~~~~~
+ CategoryInfo          : InvalidOperation: (Amazon.PowerShe...inCommandCmdlet:GetECRLoginCommandCmdlet) [Get-ECRLoginCommand], InvalidOperationException
+ FullyQualifiedErrorId : Amazon.Runtime.AmazonClientException,Amazon.PowerShell.Commands.ECR.GetECRLoginCommandCmdlet
```

The screenshot shows a Windows desktop environment with VS Code open. The terminal window displays the following error message:

```
PS C:\Users\hh\Desktop\HMS> $Env:AWS_ACCESS_KEY_ID=ASIA47CR2XJ7URWPKV3M
>> $Env:AWS_SECRET_ACCESS_KEY=YwK8pSvpMoFftMhAj7N0eNgEhy1Yo6oiY4V2XrV
>> $Env:AWS_SESSION_TOKEN=Tq0jB3pZ2l1XzVjEcQaXVzLxIc13QtMiJHMEUCIQD9qupxDPY2YiBxs/u3035YIy4f1Qyh5cRczM38
QwKAigPPz9wBQniX/RKVQ0MFeCbH4x2zQhYrhr1zwRPeDOOUEqtwII7f//////////ARAAGg40TEzNzczMzQ5MTED80eIgdBjCbd2d/ES
dLAGuy/zP/wrS80n0cvLLejZnr82HTiyJO0auzVL11HjPbn193q4VEVmnaXjxuLVRM09PsU2+Yt610hXunjaCWEThCfaA6z+k+uURM16jB
xygyFvYQy+3HqEdguE9oa588Fg0DzCvYkeSrf/JG0Km8a5TyBfjqicLhyuotdw1s+gIU7QIEb/IMELF/CExkls/+2b6E4p4pPoc553rJTW6
+myXurJmdyeeTh/BMjKnNkbhJc2u3ZU68IdYdmsIlC9xbv0bbP2cP3u5Chu9HM2hW53c29AA8gT3jQvFF/XHwBSkwSHFrErzb21hrr
FTVcv0K76ubv029s4pi+oPxvuQmC//PzDj6urBjqaFfdg8t2MD108auNL17RR3Uycwm0gj56KJmND8KK7/x/vg7hAxPO/CvZt05Y+
pFp2m/4XjxqC80f+xxNuayaQpOnXpk1GZPiB426tZwnVyuhsB8nBsMqg6R+S31smEpTnwjJdCmbzeQ0o4Fr175bnBdXPgglabXb/p4asB
CnsjeQxc6z2h/w2zKPo1NOMYL8uNYXRhQkLoKRB8=
ASIA47CR2XJ7URWPKV3M : The term 'ASIA47CR2XJ7URWPKV3M' is not recognized as the name of a
cmdlet, function, script file, or operable program. Check the spelling of the name, or if
a path was included, verify that the path is correct and try again.
At line:1 char:24
+ $Env:AWS_ACCESS_KEY_ID=ASIA47CR2XJ7URWPKV3M
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (ASIA47CR2XJ7URWPKV3M:String) [], CommandNotFound
Exception
+ FullyQualifiedErrorId : CommandNotFoundException

YwK8pSvpMoFftMhAj7N0eNgEhy1Yo6oiY4V2XrV : The term
'YwK8pSvpMoFftMhAj7N0eNgEhy1Yo6oiY4V2XrV' is not recognized as the name of a cmdlet,
function, script file, or operable program. Check the spelling of the name, or if a path
```

```

PS C:\Users\hh\Desktop\HMS> docker build -t hostel-app .
[+] Building 101.3s (10/11) docker:desktop-linux
=> [internal] load build definition from Dockerfile           0.2s
=> => transferring dockerfile: 738B                          0.1s
=> [internal] load metadata for docker.io/library/python:3.9-slim   8.9s
=> [auth] library/library:pull token for registry-1.docker.io      0.0s
=> [internal] load .dockignore                                0.1s
=> => transferring context: 140B                            0.0s
=> [internal] load build context                           10.6s
=> => transferring context: 29.81MB                         10.5s

```

```

Login Succeeded
PS C:\Users\hh\Desktop\HMS> docker build -t hostel-app .
[+] Building 101.3s (10/11) docker:desktop-linux
=> [internal] load build definition from Dockerfile           0.2s
=> => transferring dockerfile: 738B                          0.1s
=> [internal] load metadata for docker.io/library/python:3.9-slim   8.9s
=> [auth] library/library:pull token for registry-1.docker.io      0.0s
=> [internal] load .dockignore                                0.1s
=> => transferring context: 140B                            0.0s
=> [internal] load build context                           10.6s
=> => transferring context: 29.81MB                         10.5s
=> [1/6] FROM docker.io/library/python:3.9-slim@sha256:2d97f6910b16bd338d3060f261f5 12.3s
=> => resolve docker.io/library/python:3.9-slim@sha256:2d97f6910b16bd338d3060f261f53 0.1s
=> => sha256:e456f685404adfb1680322f152d2cfe62115b30dd481c2c450078315b 251B / 2518 2.1s
=> => sha256:b3ec39b36ae8c03a3e09854de4ec4aa08381dfed849ada075048c2 1.29MB / 1.29MB 3.9s
=> => sha256:fc744308490822d13b0d44b8969a953f842f59c5e9d1a0c2c83d710affa28 13.88MB / 13.88MB 8.9s
=> => extracting sha256:b3ec39b36ae8c03a3e09854de4ec4aa08381dfed849ada075048c2e3df3 0.9s
=> => extracting sha256:fc744308490822d13b0d44b8969a953f842f59c5e9d1a0c2c83d710affa28 2.4s
=> => extracting sha256:ea56f685404adfb1680322f152d2cfe62115b30dd481c2c450078315be 0.1s
=> [2/6] WORKDIR /app                                     0.2s
=> [3/6] RUN apt-get update & apt-get install -y      build-essential libpq-dev 71.5s
=> [4/6] COPY requirements.txt .                         0.2s
=> [5/6] RUN pip install --no-cache-dir -r requirements.txt 7.3s

```

The screenshot shows the VS Code interface with the following details:

- Explorer:** Shows files in the HMS directory, including requirements.txt, Dockerfile, and app.py.
- Terminal:** Displays errors from app.py and Dockerfile. App errors include:
 - Line 42: `def create_tables():` - Error: `SQLALCHEMY_A` is undefined.
 - Line 10: `click==8.3.1` requirement error.
 - Line 16: `COPY requirements.txt .` - Error: failed to build due to pip install --no-cache-dir -r requirements.txt failing.
 Docker errors include:
 - Line 12: `COPY requirements.txt .` - Error: failed to build due to pip install --no-cache-dir -r requirements.txt failing.
 - Line 14: `RUN pip install --no-cache-dir -r requirements.txt` - Error: failed to build due to pip install --no-cache-dir -r requirements.txt failing.
- Status Bar:** Shows the command `docker build -t hostel-app .` being run in the terminal.

The screenshot shows the VS Code interface with the following details:

- Explorer:** Shows files in the HMS directory, including requirements.txt, Dockerfile, and app.py.
- Terminal:** Displays the output of the `docker build -t hostel-app .` command. The output shows the build process, which completed successfully (FINISHED) in 204.1s.
- Status Bar:** Shows the command `docker build -t hostel-app .` being run in the terminal.

A screenshot of a light-colored version of the Visual Studio Code (VS Code) interface. The title bar reads "HMS [Administrator]". The left sidebar shows a file tree with files like requirements.txt, Dockerfile, app.py, forms.py, LICENSE, models.py, Pipfile, Pipfile.lock, Profile, Readme.md, runtime.txt, Screenshot from 2025..., SECURITY.md, OUTLINE, and TIMELINE. The main area has tabs for "requirements.txt M", "Dockerfile M", and "app.py 9+, M". The "TERMINAL" tab is active, displaying a command-line session:

```
=> [5/6] RUN pip install --no-cache-dir -r requirements.txt      57.2s
=> [6/6] COPY . .                                              0.5s
=> exporting to image                                         64.0s
=> => exporting layers                                         34.5s
=> => exporting manifest sha256:927933fa6138eeb9ccfc6d4582d3ad1b2f1c0a43b8bde82f4f2 0.0s
=> => exporting config sha256:56053cbfbfd8a068427c21a32237495a98f7ab333ef19d8a5a8e6 0.0s
=> => exporting attestation manifest sha256:74b705b000f702fbedd53dd6130d6e1dc641fa1d 0.0s
=> => exporting manifest list sha256:3bce9eae58c2bf5671fd53e8af1bc5a411778c6f550516e 0.0s
=> => naming to docker.io/library/hostel-app:latest           0.0s
=> => unpacking to docker.io/library/hostel-app:latest        29.2s

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/z248qmmhutg0o1qz2v0v92c4c
PS C:\Users\hh\Desktop\HMS> docker tag hostel-app:latest 891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel
-app:latest
PS C:\Users\hh\Desktop\HMS> docker push 891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel-app:latest
The push refers to repository [891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel-app]
3a371475a0d2: Pushed
ffbbaaf986c62: Pushed
1f384a3df500: Pushed
dfff024aded8: Pushed
bfc218516263: Pushed

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/z248qmmhutg0o1qz2v0v92c4c
PS C:\Users\hh\Desktop\HMS> docker tag hostel-app:latest 891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel
-app:latest
```

A screenshot of a dark-themed version of the Visual Studio Code (VS Code) interface. The title bar reads "HMS [Administrator]". The left sidebar shows a file tree with files like requirements.txt, Dockerfile, app.py, forms.py, LICENSE, models.py, Pipfile, Pipfile.lock, Profile, Readme.md, runtime.txt, Screenshot from 2025..., SECURITY.md, OUTLINE, and TIMELINE. The main area has tabs for "requirements.txt M", "Dockerfile M", and "app.py 9+, M". The "TERMINAL" tab is active, displaying a command-line session:

```
PS C:\Users\hh\Desktop\HMS> docker push 891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel-app:latest
The push refers to repository [891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel-app]
3a371475a0d2: Pushed
ffbbaaf986c62: Pushed
1f384a3df500: Pushed
dfff024aded8: Pushed
bfc218516263: Pushed
0o1qz2v0v92c4c

PS C:\Users\hh\Desktop\HMS> docker tag hostel-app:latest 891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel
-app:latest
PS C:\Users\hh\Desktop\HMS> docker push 891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel-app:latest
The push refers to repository [891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel-app]
3a371475a0d2: Pushed
ffbbaaf986c62: Pushed
1f384a3df500: Pushed
dfff024aded8: Pushed
bfc218516263: Pushed
PS C:\Users\hh\Desktop\HMS> docker tag hostel-app:latest 891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel
-app:latest
PS C:\Users\hh\Desktop\HMS> docker push 891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel-app:latest
The push refers to repository [891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel-app]
3a371475a0d2: Pushed
ffbbaaf986c62: Pushed
1f384a3df500: Pushed
```

The screenshot shows the Visual Studio Code interface with the title bar "HMS [Administrator]". The Explorer sidebar on the left lists files and folders including ".dockerignore", ".gitattributes", ".gitignore", "app.py", "Dockerfile", "forms.py", "LICENSE", "models.py", "Pipfile", "Pipfile.lock", "Profile", "Readme.md", "requirements.txt", "runtime.txt", "Screenshot from 2025...", and "SECURITY.md". The Terminal tab is active, displaying the command "PS C:\Users\hh\Desktop\HMS> docker push 891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel-app:latest" followed by a long list of pushed commits:

```
3a371475a0d2: Pushed
fbbaaf986c62: Pushed
1f384a3df500: Pushed
dfffd024aded8: Pushed
bfc218516263: Pushed
8a332c74c299: Pushed
89933f780550: Pushed
The push refers to repository [891377334911.dkr.ecr.us-east-1.amazonaws.com/hostel-app]
3a371475a0d2: Pushed
fbbaaf986c62: Pushed
1f384a3df500: Pushed
dfffd024aded8: Pushed
bfc218516263: Pushed
8a332c74c299: Pushed
89933f780550: Pushed
a995e770a6c7: Pushed
dfffd024aded8: Pushed
bfc218516263: Pushed
8a332c74c299: Pushed
89933f780550: Pushed
a995e770a6c7: Pushed
8a332c74c299: Pushed
```

The screenshot shows the Visual Studio Code interface with the title bar "HMS [Administrator]". The Explorer sidebar on the left lists the same set of files and folders as the first screenshot. The Terminal tab is active, displaying the command "PS C:\Users\hh\Desktop\HMS> docker build -t hostel-app .". The output shows the build process starting with "latest: digest: sha256:3bcc9eae58c2bf5671fd53e8af1bc5a411778c6f550516eba93aa8142813be51 size: 856" and then listing the steps taken by Docker:

```
[+] Building 7.6s (12/12) FINISHED
      docker:desktop-linux
      => [internal] load build definition from Dockerfile          0.1s
      => => transferring dockerfile: 800B                         0.0s
      => [internal] load metadata for docker.io/library/python:3.12-slim   2.6s
      => [auth] library/python:pull token for registry-1.docker.io        0.0s
      => [internal] load .dockerignore                                0.0s
      => => transferring context: 140B                            0.0s
      => => [1/6] FROM docker.io/library/python:3.12-slim@sha256:590cad70271b6c1795c6a11fb5c1  0.1s
      => => resolve docker.io/library/python:3.12-slim@sha256:590cad70271b6c1795c6a11fb5c1  0.1s
      => [internal] load build context                           0.1s
      => => transferring context: 30.79kB                      0.1s
      => => CACHED [2/6] WORKDIR /app                          0.0s
      => => CACHED [3/6] RUN apt-get update && apt-get install -y    build-essential    lib 0.0s
      => => CACHED [4/6] COPY requirements.txt .                  0.0s
      => => CACHED [5/6] RUN pip install --no-cache-dir -r requirements.txt  0.0s
      => [6/6] COPY . .                                         0.8s
      => => exporting to image                                 3.4s
      => => exporting layers                                    2.3s
```

The screenshot shows a Microsoft Visual Studio Code (VS Code) interface with the following details:

- File Explorer:** Shows files and folders including `requirements.txt`, `Dockerfile`, `app.py`, `templates`, `update_students_ex...`, `view_all_fee_records...`, `.dockerignore`, `.gitattributes`, `.gitignore`, `LICENSE`, `models.py`, `Pipfile`, `Pipfile.lock`, `Procfile`, `Readme.md`, `runtime.txt`, `Screenshot from 2025...`, and `SECURITY.md`.
- Editor:** Displays Python code for creating database tables and setting up SQLAlchemy. The code includes imports for `app.py`, `Dockerfile`, and `app.config`. It defines a function `create_tables()` and handles exporting attestations and manifests.
- Terminal:** Shows command-line output for building a Docker image and pushing it to Amazon ECR. The commands used are `docker build`, `docker tag`, and `docker push`.
- Status Bar:** Shows the current file as `main*`, line numbers (0, 13), and other developer tools like Live Share, Python, and Prettier.

```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\WINDOWS\system32> Install-Module -Name AWS.Tools.ECR -Scope CurrentUser
PowerShellGet requires NuGet provider version '2.8.5.201' or newer to interact with NuGet-based repositories. The NuGet provider must be available in 'C:\Program Files\PackageManagement\ProviderAssemblies' or 'C:\Users\hh\AppData\Local\PackageManagement\ProviderAssemblies'. You can also install the NuGet provider by running 'Install-PackageProvider -Name NuGet -MinimumVersion 2.8.5.201 -Force'. Do you want PowerShellGet to install and import the NuGet provider now?
[Y] Yes [N] No [S] Suspend [?] Help (default is "Y"): Y

Untrusted repository
You are installing the modules from an untrusted repository. If you trust this repository, change its InstallationPolicy value by running the Set-PSRepository cmdlet. Are you sure you want to install the modules from ' PSGallery'?
[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "N"): Y
PS C:\WINDOWS\system32> Get-Module -ListAvailable -Name AWS.Tools.ECR

Directory: C:\Users\hh\Documents\WindowsPowerShell\Modules

ModuleType Version Name                                ExportedCommands
----- 5.0.114   AWS.Tools.ECR                         {Add-ECRResourceTag, Complete-ECRLayerUpload, Get-ECRAccou...}

PS C:\WINDOWS\system32> Import-Module AWS.Tools.ECR
Import-Module : File
C:\Users\hh\Documents\WindowsPowerShell\Modules\AWS.Tools.Common\5.0.114\AWS.Tools.Common.Completers.psm1 cannot be loaded because running scripts is disabled on this system. For more information, see about_Execution_Policies at https://go.microsoft.com/fwlink/?LinkID=135170.
At line:1 char:1
+ Import-Module AWS.Tools.ECR
+ CategoryInfo          : SecurityError: () [Import-Module], PSSecurityException
+ FullyQualifiedErrorId : UnauthorizedAccess,Microsoft.PowerShell.Commands.ImportModuleCommand
PS C:\WINDOWS\system32> Import-Module AWS.Tools.ECR
```

14th Dec 2025

The screenshot shows a GitHub Actions workflow named "Deploy to Amazon ECS" with the file "deploy.yml". There are two workflow runs listed:

- Update deploy.yml**: Triggered by a push, commit 5fa37a1 pushed by BSSE23051, status Main, 22 minutes ago, duration 1m 22s.
- Add GitHub Actions Pipeline**: Triggered by a push, commit 493dc0f pushed by BSSE23051, status Main, 33 minutes ago, duration 1m 15s.

The screenshot shows the details of the "Update deploy.yml" job from the previous workflow run. It was triggered via a push 1 minute ago by BSSE23051 (commit 5fa37a1, main branch). The job status is Success, total duration is 1m 22s, and there are no artifacts.

Summary (selected): Triggered via push 1 minute ago by BSSE23051 pushed → 5fa37a1 main Status Success Total duration 1m 22s Artifacts

deploy.yml (on: push)

Deploy 1m 17s

The screenshot shows a terminal window with the following command and its output:

```
bash -*p-10-0-0-8.ec2.in* bash -*p-10-0-0-8.ec2.in*
```

Output:

```
vocababs:/environment/HMS (main) $ git push -u origin main
Username for 'https://github.com/BSSE23051/HOSTEL-APP.git': BSSE23051
Password for 'https://BSSE23051@github.com/BSSE23051/HOSTEL-APP.git':
Enumerating objects: 144, done.
Counting objects: 140K (144/144), done.
Delta compression using up to 2 threads
Compressing objects: 100% (144/144), done.
Writing objects: 100K (144/144), 27.00 MiB | 21.34 MiB/s, done.
Total 144 (delta 45), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (45/45), done.
To https://github.com/BSSE23051/HOSTEL-APP.git
error: failed to push some refs to 'https://github.com/BSSE23051/HOSTEL-APP.git'
error: failed to push some refs to 'https://github.com/BSSE23051/HOSTEL-APP.git'
vocababs:/environment/HMS (main) $ rm -rf .github
vocababs:/environment/HMS (main) $
```

Additional notes from the terminal:

- git config --global user.name "Your Name"
- git config --global user.email you@example.com

Message after doing this:

```
After doing this, you may fix the identity used for this commit with:
git commit --amend --reset-author
```

Final message:

```
1 file changed, 94 deletions(-)
```

The screenshot shows a terminal window with the following command and its output:

```
bash -*p-10-0-0-8.ec2.in* bash -*p-10-0-0-8.ec2.in*
```

Output:

```
vocababs:/environment/HMS (main) $ git push
Username for 'https://github.com/BSSE23051/HOSTEL-APP.git': BSSE23051
Password for 'https://BSSE23051@github.com/BSSE23051/HOSTEL-APP.git':
Enumerating objects: 6, done.
Counting objects: 140K (6/6), done.
Delta compression using up to 2 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100K (5/5), 1.11 KiB | 1.11 MiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/BSSE23051/HOSTEL-APP.git
 * [new branch] main -> main (refusing to allow a Personal Access Token to create or update workflow '.github/workflows/deploy.yaml' without 'workflow' scope)
error: failed to push some refs to 'https://github.com/BSSE23051/HOSTEL-APP.git'
vocababs:/environment/HMS (main) $
```

Additional notes from the terminal:

- git config --global user.name "Your Name"
- git config --global user.email you@example.com

Final message:

```
Everything up-to-date
```

AWS CLI:
Copy and paste the following into `~/.aws/credentials`

```
[default]
aws_access_key_id=ASIA47CR2X7iWNP2RU
aws_secret_access_key=0812z3qjG1z/0aB0/ouedJux11Rjwkyfr...
aws_session_token=IQoJ133g22lu2i2V2fE6eaKxVzLXdclc3Q...
H1J0mQC1mwhhbfR0v0lXpr0804CKT5XangP+081508a8H8...
ouk1Ba7n1P1Tp11m8p9ne1M4t6dYnrc2SG1j5j5V5xe1qu...
Agg1EAa4a0g0g1H0H1H0H1H0NxvN1H656u1gF37QvbLnccos4Z...
685YarHwzsz2Q1KRT3PjUc09x6dPv4+e37MwE65fj5j5y2maxGL...
k9gJu+H2t0et1r1Xhue1k9qk31A09C2TcfTwectfjs573tp...
jLc1wYkfCoSMH1n1z/4p1_1w0521L1ch0PM9/f5Kcvnf...
168d0VUf5yZbhnn+g1V0B0B0u2u1xAv11C1Cyy@01ekscuk...
Httw1k1otb/6Q0j1zVfva1tQ+jav1u1u2fRnhhMy1c1qk1ca...
3Wv773u2CYFYH66RL4R... eheg1s1v10PqBg5gs05051QYQGP...
18j1Nk221L1tbd1V1lNm.SU1XVidhmvndig5VswhcMcTm+20qE...
357wvXAx-skGp4Bh12Xkq0MEVCcxtRp217t7t8KAcF1...
BokktvYorHgjcyYeBDDFu+Xk0klglj1uUpaKkeet/smc3f4a3...
okh4u88XyphDkg3rmak0eGm+1z7TuF5shvx10doQek1/k1...
KP46n056jkysfHoxThBClVP0beV61mcl0UT034km07Y6s0Y92...
tzq0g941EurDSEfUB4g081mN1Lh...
```

Actions secrets - BSSE23051/HOSTEL-APP

This environment has no secrets.

Manage environment secrets

Repository secrets

Name	Last updated
AWS_ACCESS_KEY_ID	41 minutes ago
AWS_SECRET_ACCESS_KEY	40 minutes ago
AWS_SESSION_TOKEN	39 minutes ago

New repository secret

The screenshot shows a Microsoft Edge browser window with several tabs open at the top, including "Launch AWS Academy", "Elastic Container Registry", "Hostel-Builder-c9 - AV", "Fee Collection", and "Personal Access Token". The main content area displays the GitHub "Personal access tokens (classic)" page. On the left, a sidebar lists "GitHub Apps", "OAuth Apps", "Personal access tokens" (which is selected), and "Fine-grained tokens". The main section is titled "Personal access tokens (classic)" and contains a table with one row. The row shows a token named "WSL-Git-Token" with the description "repo, workflow". It indicates "Never used" and "Expires on Wed, Mar 4 2026". A "Delete" button is present in the top right corner of this row. Below the table, a note states: "Personal access tokens (classic) function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication." At the bottom of the page, there is a footer with links to GitHub's Terms, Privacy, Security, Status, Community, Docs, Contact, Manage cookies, and a "Do not share my personal information" option. The bottom right corner of the screen shows the Windows taskbar with various pinned icons and system status information.