Beginner project 1

Personal portfolio website

Objective : create a simple personal website that includes sections like “about me “ , “projects” , “contact”.

Skills : Basic HTML/CSS/JS , using git to track changes and pushing to github

Github concepts : git init ,git add , git commit, git push ,git clone, and setting up github pages.

Index.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Hruthin G D - Personal Website</title>
  <link rel="stylesheet" href="style.css">
  <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap" rel="stylesheet">
</head>
<body>
  <header>
    <h1>Hi, I'm <span class="highlight">Hruthin G D</span></h1>
    <p>DevOps Engineer at UST Global</p>
    <nav>
      <a href="#about">About Me</a>
      <a href="#projects">Projects</a>
      <a href="#contact">Contact</a>
    </nav>
  </header>
```

```
 <section id="about" class="section">
  <h2>About Me</h2>
  <p>Hello! I'm Hruthin G D, a passionate DevOps Engineer working at UST Global.</p>
 </section>

 <section id="projects" class="section">
  <h2>Projects</h2>
  <div class="projects-grid">
   <div class="project-card">
    <h3>Automated CI/CD Pipeline Setup</h3>
    <p>
     Build an end-to-end CI/CD pipeline for a sample application using tools like Jenkins, GitHub Actions, or GitLab CI/CD.
    </p>
    <ul>
     <li>Automate testing, building, and deployment.</li>
     <li>Integrate with Docker for containerization.</li>
     <li>Deploy to a production-like environment using Kubernetes.</li>
    </ul>
    <p><strong>Tech Stack:</strong> Jenkins, Docker, Kubernetes, Helm, Terraform, AWS/GCP/Azure</p>
   </div>

   <div class="project-card">
    <h3>Infrastructure as Code (IaC) Deployment</h3>
    <p>
     Use Terraform or AWS CloudFormation to provision and manage cloud infrastructure automatically.
    </p>
    <ul>
     <li>Define infrastructure components as code.</li>
     <li>Implement version-controlled repository for IaC.</li>
```

```
        <li>Automate setup of monitoring tools like Prometheus or Grafana.</li>
      </ul>
      <p><strong>Tech Stack:</strong> Terraform, Ansible, AWS/Azure/GCP, Prometheus, Grafana</p>
    </div>

    <div class="project-card">
      <h3>DevSecOps: Secure DevOps Pipeline</h3>
      <p>
        Develop a pipeline that integrates security practices into the DevOps workflow.
      </p>
      <ul>
        <li>Integrate static code analysis tools like SonarQube or Checkmarx.</li>
        <li>Perform vulnerability scanning on Docker images using tools like Trivy.</li>
        <li>Implement runtime security monitoring with tools like Falco.</li>
      </ul>
      <p><strong>Tech Stack:</strong> SonarQube, Trivy, Jenkins, Docker, Falco, AWS/GCP/Azure</p>
    </div>
  </div>
 </section>

 <section id="contact" class="section">
  <h2>Contact Me</h2>
  <p>Feel free to reach out:</p>
  <p><strong>Phone:</strong> 9160135962</p>
  <p><strong>Email:</strong> <a
href="mailto:hruthingds@gmail.com">hruthingds@gmail.com</a></p>
 </section>

 <footer>
  <p>&copy; 2025 Hruthin G D. All rights reserved.</p>
 </footer>
```

```
  <script src="script.js"></script>
</body>
</html>
```

Style.css :

```
/* General Reset */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

body {
  font-family: 'Roboto', sans-serif;
  line-height: 1.6;
  background: #f4f4f9;
  color: #333;
}

a {
  color: #007BFF;
  text-decoration: none;
}

a:hover {
  text-decoration: underline;
}

/* Header */
header {
```

```
  text-align: center;
  background: linear-gradient(to right, #6a11cb, #2575fc);
  color: white;
  padding: 40px 20px;
}

header h1 {
  font-size: 2.5rem;
  margin-bottom: 10px;
}

header .highlight {
  color: #ffd700;
}

header nav {
  margin-top: 20px;
}

header nav a {
  margin: 0 15px;
  color: white;
  font-weight: bold;
}

/* Section */
.section {
  padding: 40px 20px;
  text-align: center;
}
```

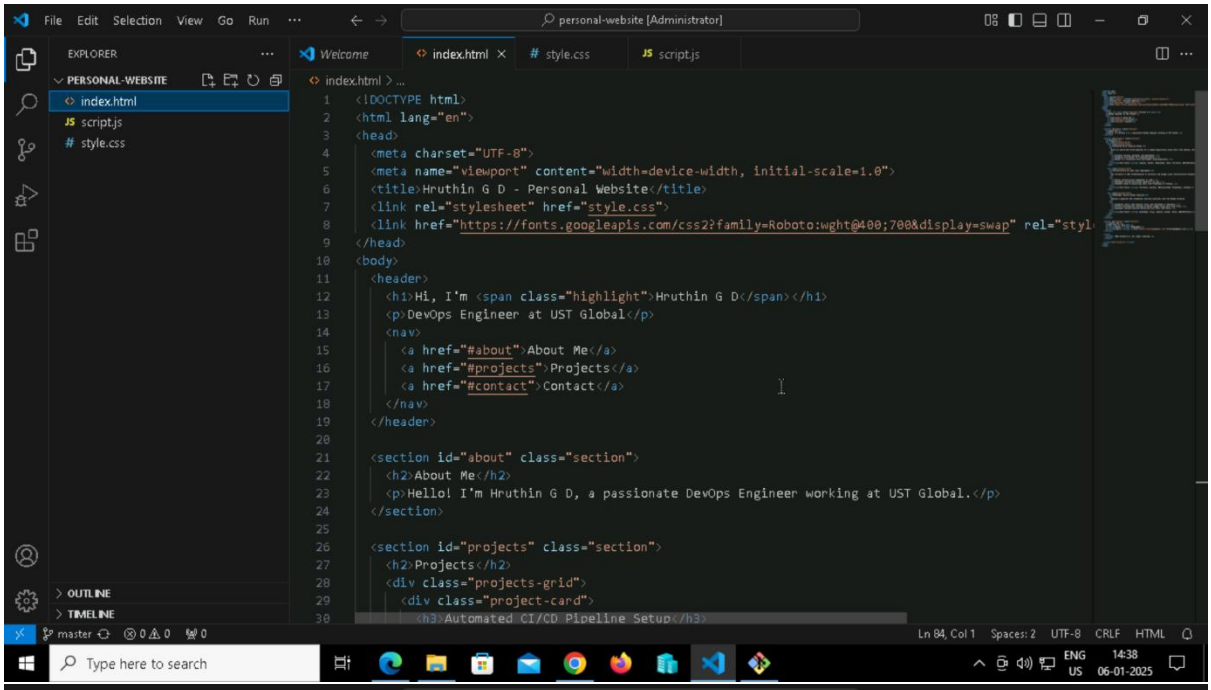
```
.section h2 {
  font-size: 2rem;
  margin-bottom: 20px;
}

/* Projects Grid */
.projects-grid {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));
  gap: 20px;
  margin-top: 20px;
}

.project-card {
  background: white;
  border: 1px solid #ddd;
  border-radius: 8px;
  padding: 20px;
  box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
  text-align: left;
  transition: transform 0.3s ease, box-shadow 0.3s ease;
}

.project-card:hover {
  transform: translateY(-5px);
  box-shadow: 0 8px 12px rgba(0, 0, 0, 0.2);
}

.project-card h3 {
  color: #444;
  margin-bottom: 10px;
```

```
}

.project-card ul {
  padding-left: 20px;
  margin-bottom: 10px;
  list-style: disc;
  color: #666;
}

/* Contact Section */
#contact a {
  color: #007BFF;
  font-weight: bold;
}

footer {
  text-align: center;
  padding: 20px;
  background: #333;
  color: white;
}
```

Script.js :

```
console.log("Welcome to my personal website!");
```

screenshots:


File Edit Selection View Go Run
personal-website [Administrator]
EXPLORER
PERSONAL-WEBSITE
index.html
script.js
style.css
Welcome
index.html
style.css
script.js
index.html > ...
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Hruthin G D - Personal Website</title>
<link rel="stylesheet" href="style.css">
<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap" rel="styl
</head>
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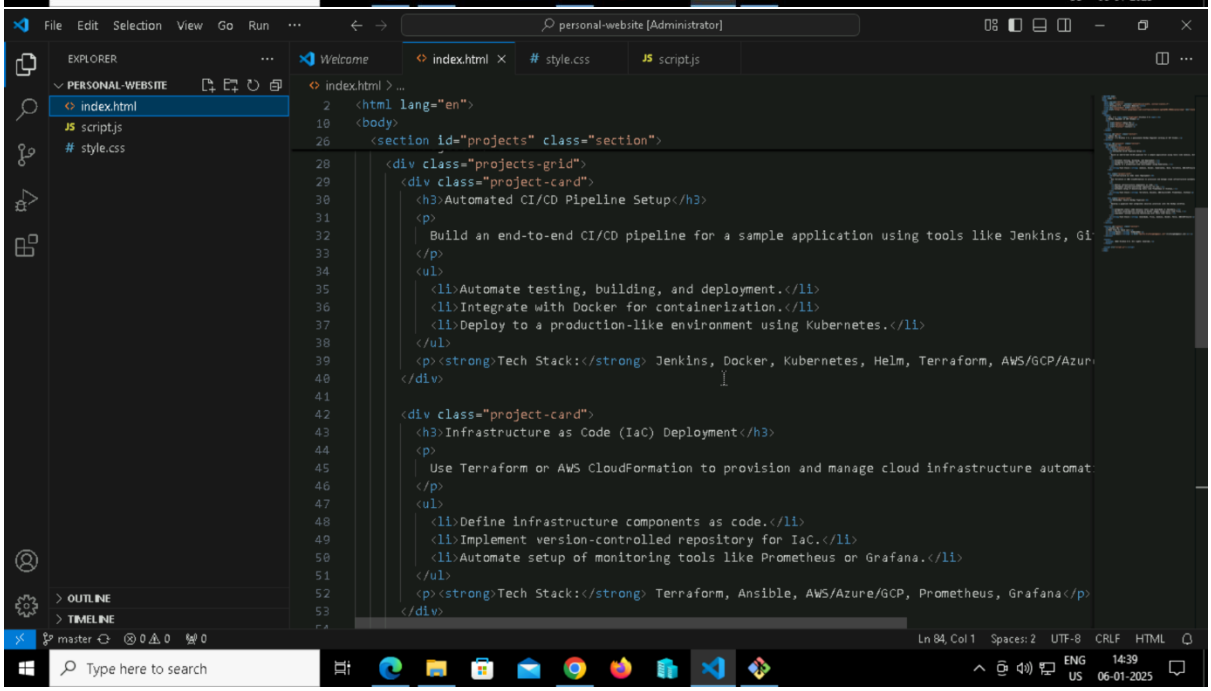
<header>
<h1>Hi, I'm Hruthin G D</h1>
DevOps Engineer at UST Global
<nav>
About Me
Projects
Contact
</nav>
</header>
<section id="about" class="section">
<h2>About Me</h2>
Hello! I'm Hruthin G D, a passionate DevOps Engineer working at UST Global.
</section>
<section id="projects" class="section">
<h2>Projects</h2>

<h3>Automated CI/CD Pipeline Setup</h3>
OUTLINE
TIMELINE
master
Ln 84, Col 1 Spaces: 2 UTF-8 CRLF HTML
Type here to search
ENG US
14:38
06-01-2025


File Edit Selection View Go Run
personal-website [Administrator]
EXPLORER
PERSONAL-WEBSITE
index.html
script.js
style.css
Welcome
index.html
style.css
script.js
index.html > ...
<html lang="en">
<body>
<section id="projects" class="section">

<h3>Automated CI/CD Pipeline Setup</h3>

Build an end-to-end CI/CD pipeline for a sample application using tools like Jenkins, Gi

Automate testing, building, and deployment.
Integrate with Docker for containerization.
Deploy to a production-like environment using Kubernetes.

Tech Stack: Jenkins, Docker, Kubernetes, Helm, Terraform, AWS/GCP/Azur

<h3>Infrastructure as Code (IaC) Deployment</h3>

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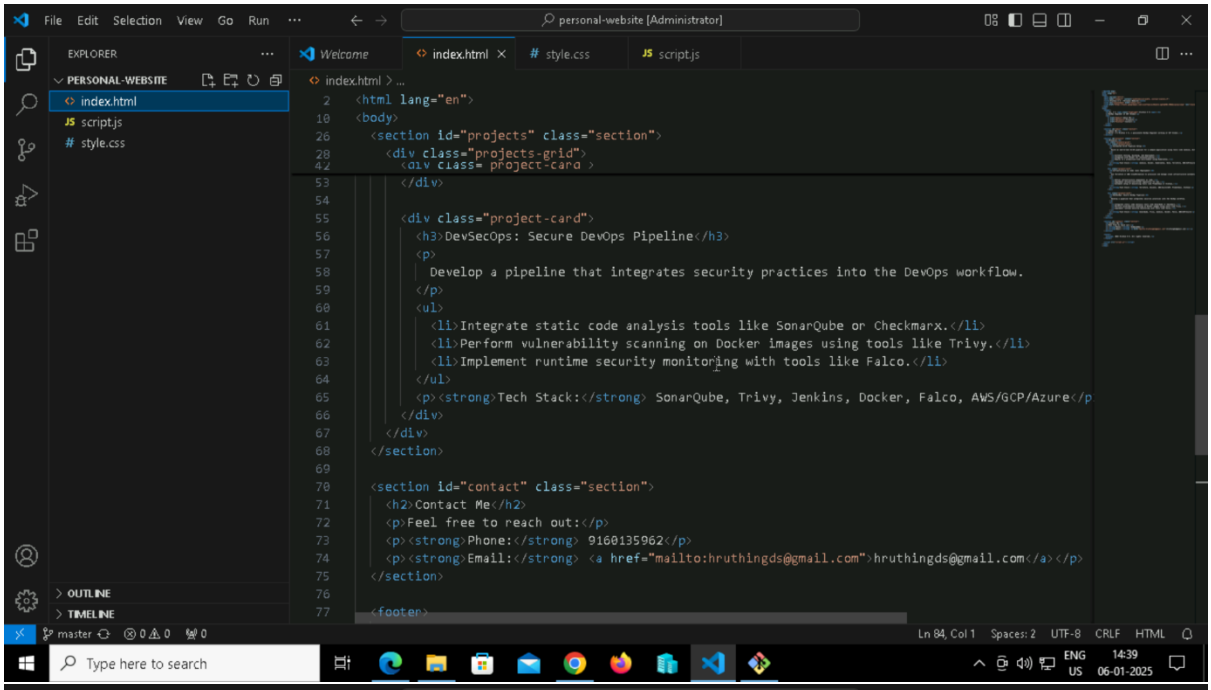
Define infrastructure components as code.
Implement version-controlled repository for IaC.
Automate setup of monitoring tools like Prometheus or Grafana.

Tech Stack: Terraform, Ansible, AWS/Azure/GCP, Prometheus, Grafana

OUTLINE
TIMELINE
master
Ln 84, Col 1 Spaces: 2 UTF-8 CRLF HTML
Type here to search
ENG US
14:39
06-01-2025


File Edit Selection View Go Run
personal-website [Administrator]
EXPLORER
PERSONAL-WEBSITE
index.html
script.js
style.css
Welcome
index.html
style.css
script.js
<html lang="en">
<body>
<section id="projects" class="section">

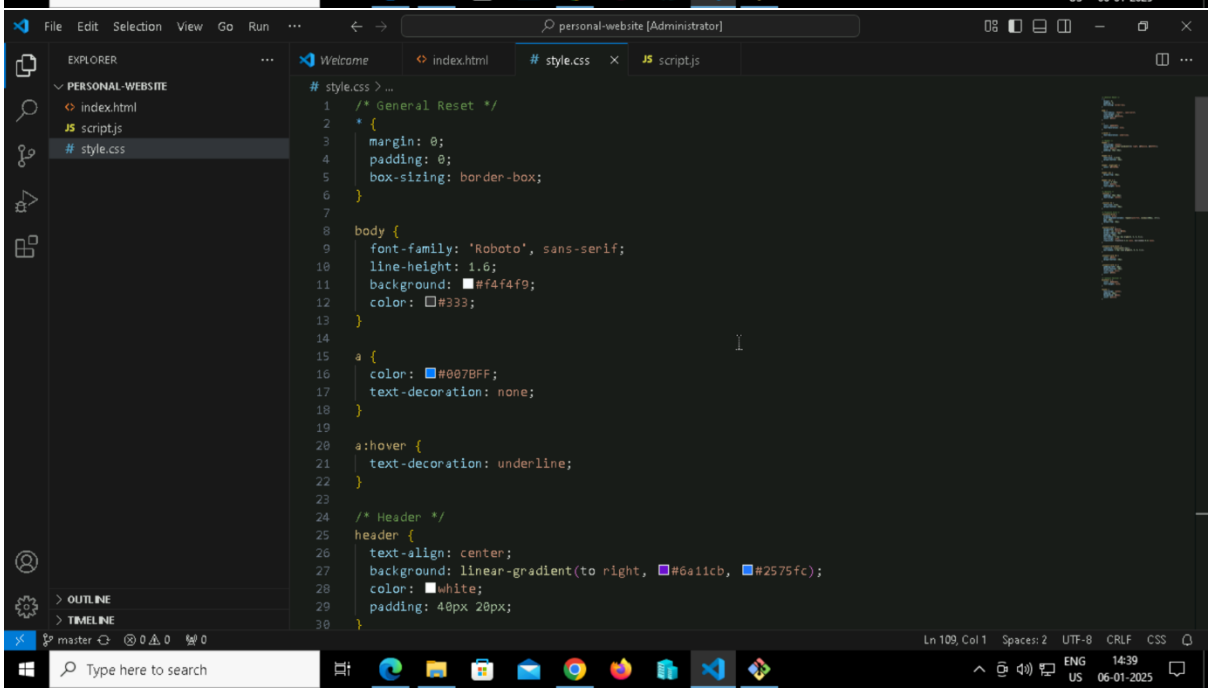
<h3>DevSecOps: Secure DevOps Pipeline</h3>

Develop a pipeline that integrates security practices into the DevOps workflow.

Integrate static code analysis tools like SonarQube or Checkmarx.
Perform vulnerability scanning on Docker images using tools like Trivy.
Implement runtime security monitoring with tools like Falco.

Tech Stack: SonarQube, Trivy, Jenkins, Docker, Falco, AWS/GCP/Azure</p

</section>
<section id="contact" class="section">
<h2>Contact Me</h2>
Feel free to reach out:
Phone: 9160135962
Email: hruthingds@gmail.com
</section>
<footer>
OUTLINE
TIMELINE
master
Ln 84, Col 1 Spaces: 2 UTF-8 CRLF HTML
Type here to search
ENG US
14:39
06-01-2025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personal-website [Administrator]
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index.html
script.js
style.css
Welcome
index.html
style.css
script.js
/* General Reset */
* {
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padding: 0;
box-sizing: border-box;
}
body {
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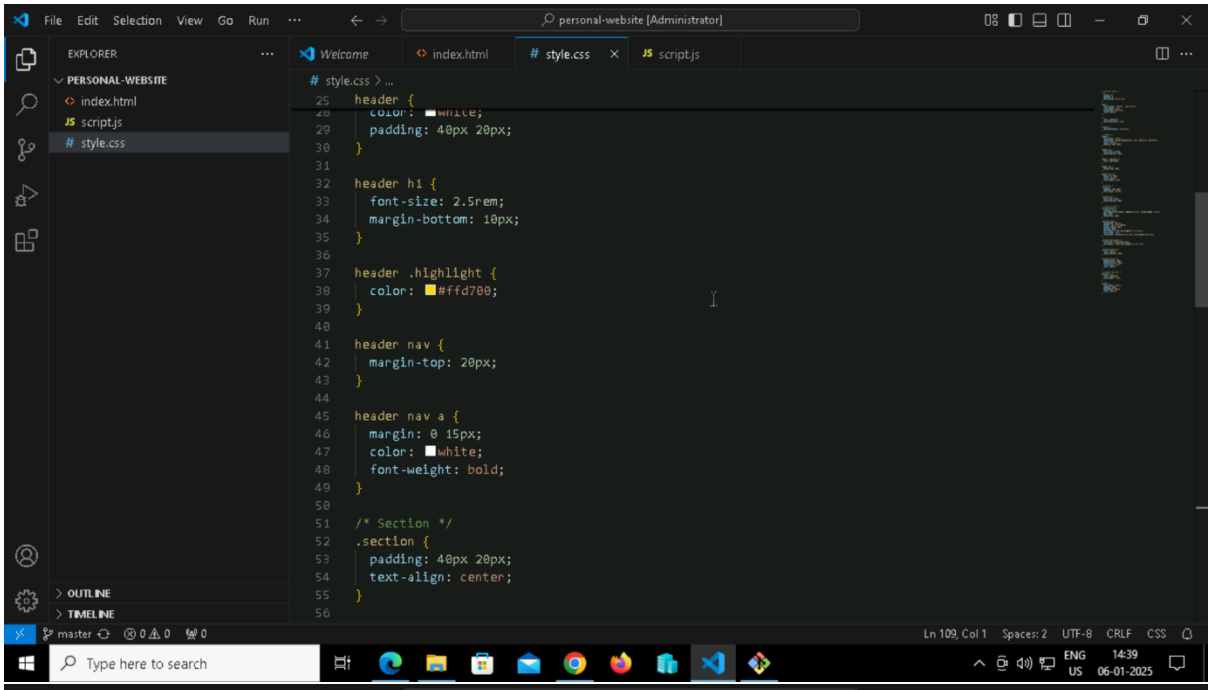
line-height: 1.6;
background: #f4f4f9;
color: #333;
}
a {
color: #007BFF;
text-decoration: none;
}
a:hover {
text-decoration: underline;
}
/* Header */
header {
text-align: center;
background: linear-gradient(to right, #6a11cb, #2575fc);
color: white;
padding: 40px 20px;
}
OUTLINE
TIMELINE
master
Ln 109, Col 1 Spaces: 2 UTF-8 CRLF CSS
Type here to search
ENG US
14:39
06-01-2025


File Edit Selection View Go Run
personal-website [Administrator]
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PERSONAL-WEBSITE
index.html
script.js
style.css
Welcome
index.html
style.css
script.js
style.css > ...
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color: white;
padding: 40px 20px;
}
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}
header .highlight {
color: #ffd700;
}
header nav {
margin-top: 20px;
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}
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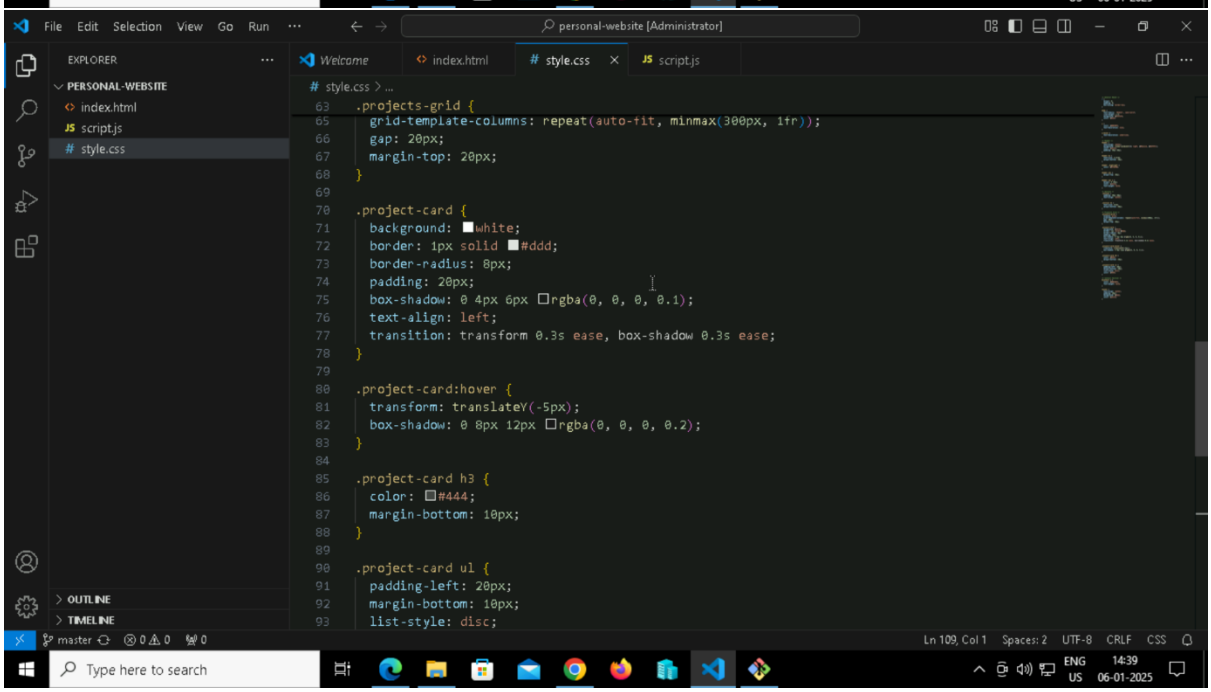
}
OUTLINE
TIMELINE
master
Ln 109, Col 1
Spaces: 2
UTF-8
CRLF
CSS
Type here to search
ENG
US
14:39
06-01-2025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personal-website [Administrator]
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}
.project-card {
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border-radius: 8px;
padding: 20px;
box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
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OUTLINE
TIMELINE
master
Ln 109, Col 1
Spaces: 2
UTF-8
CRLF
CSS
Type here to search
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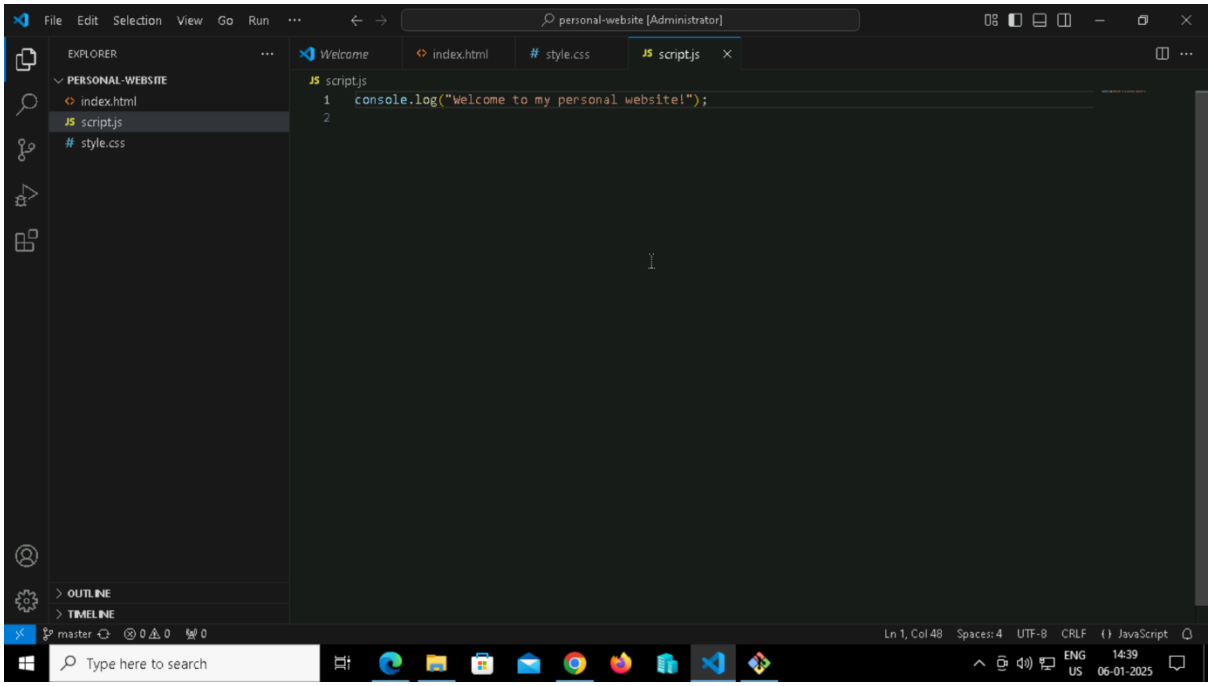


In the git bash :

Create a local repository : mkdir reponame

Initialize the repository : git init

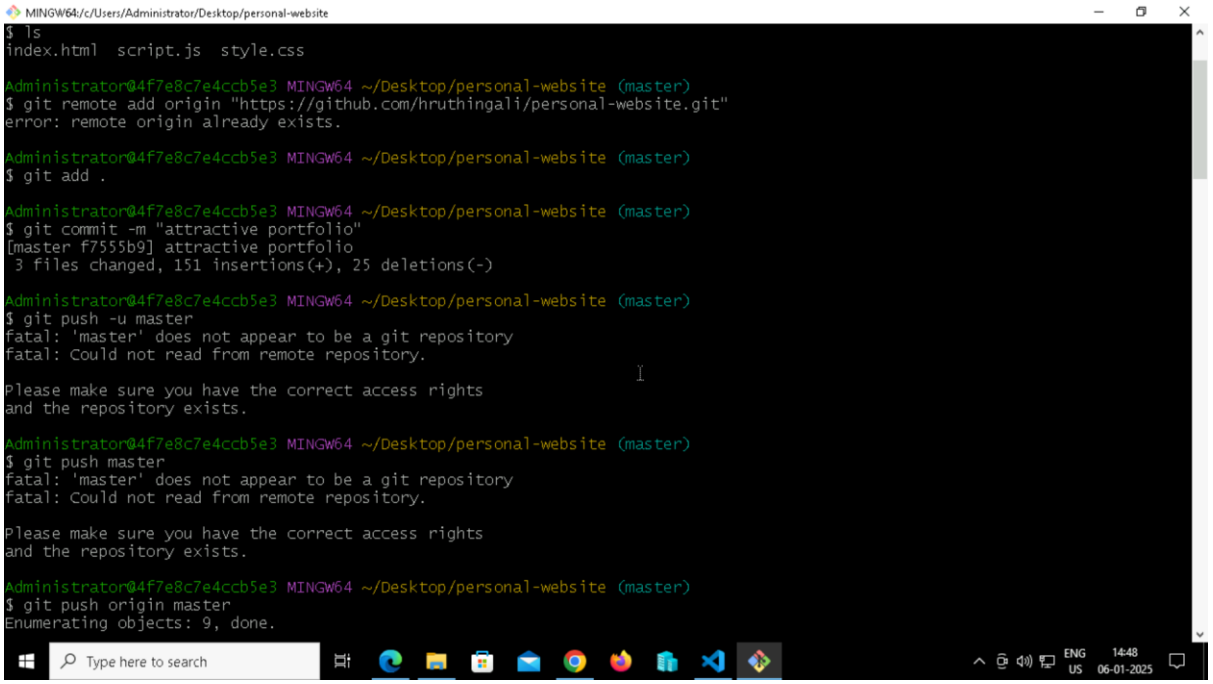
Add the above files index.html, style.css, script.js : git add .

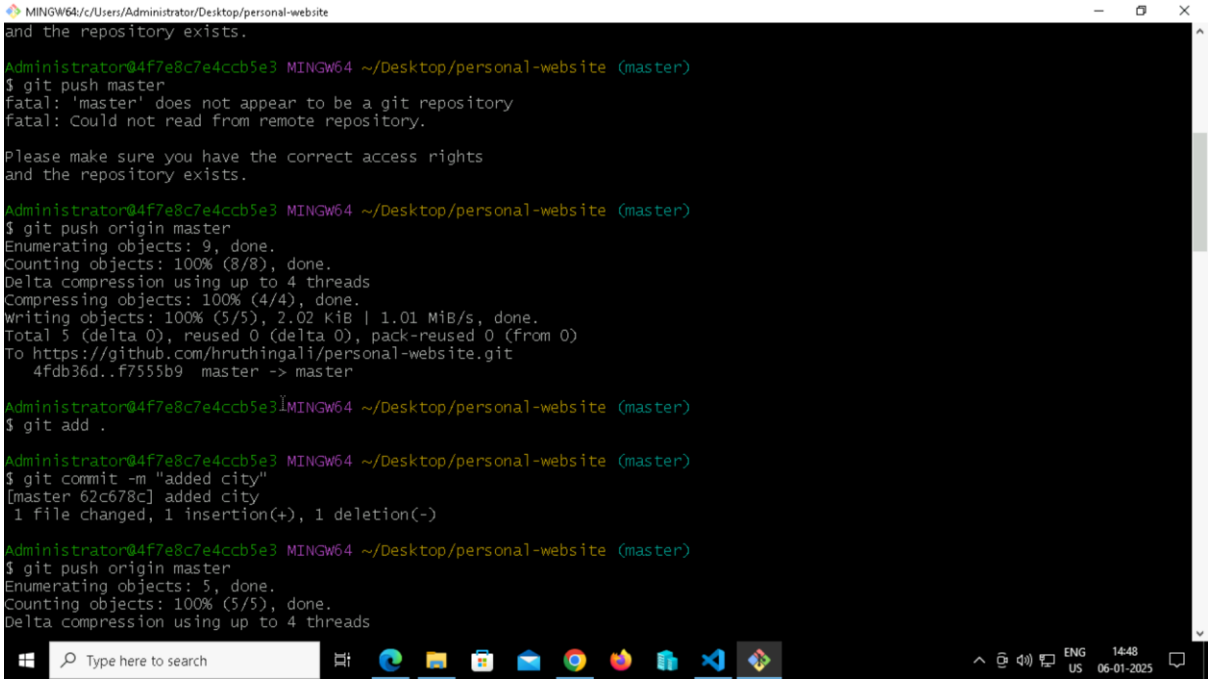
Add remote repository : git add remote origin “git_link”

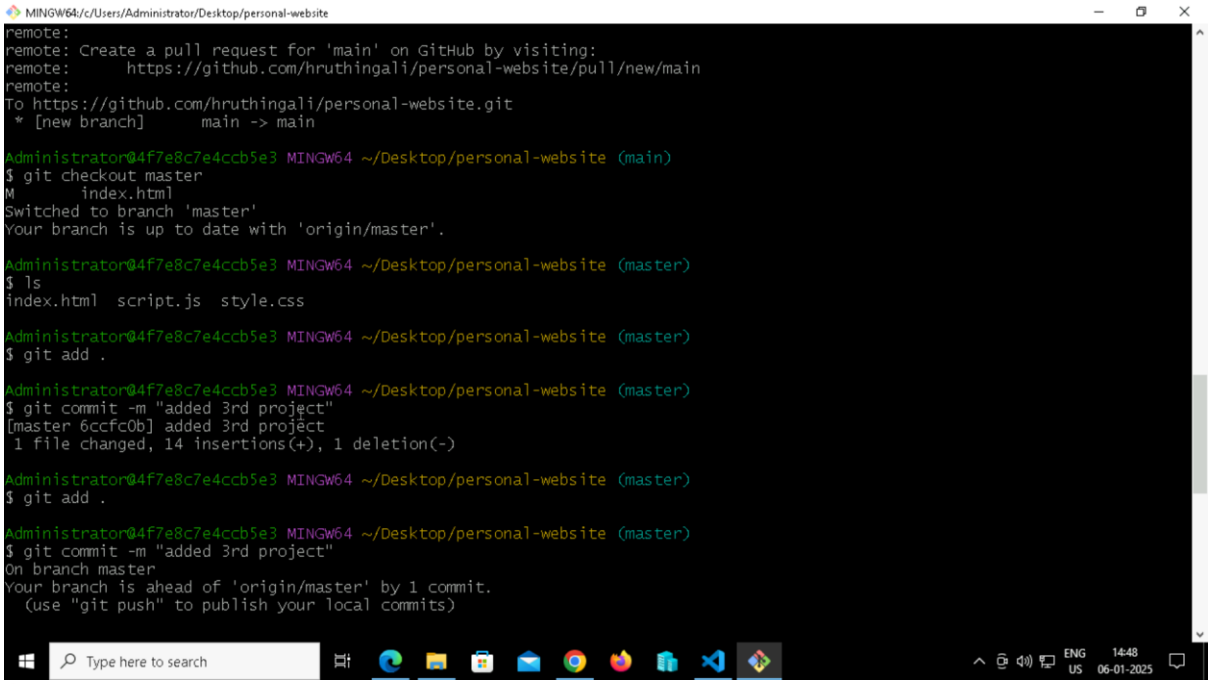
Commit the changes : git commit -m “commit name”

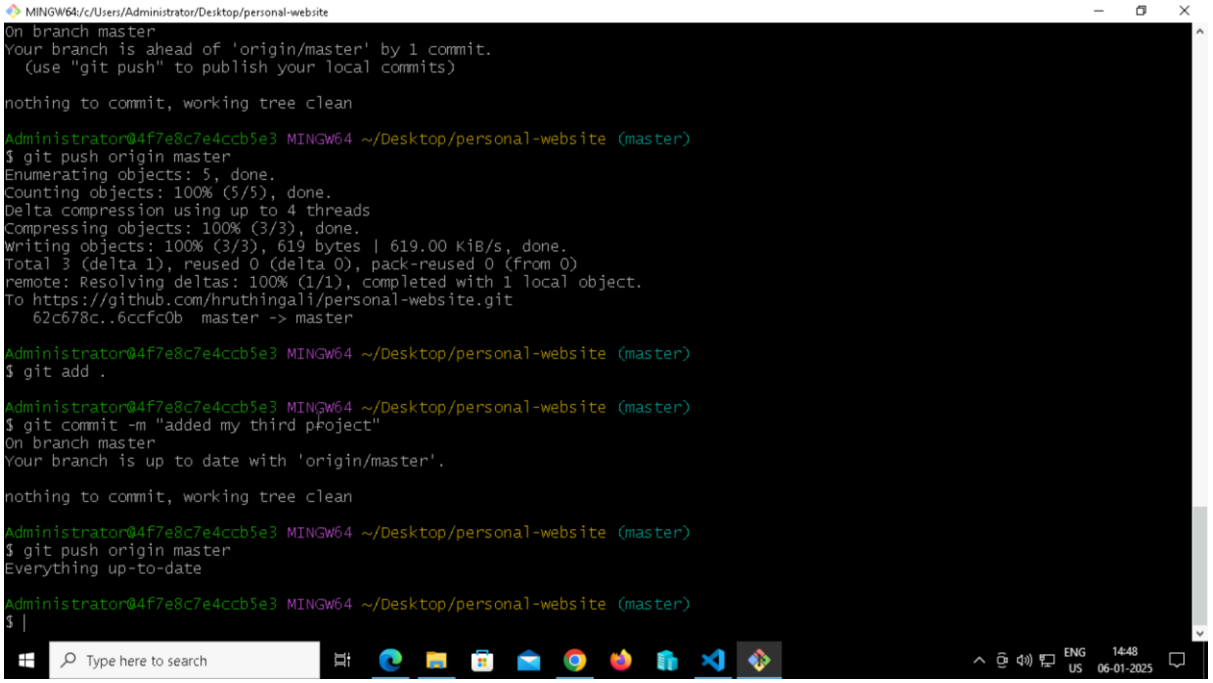
Pushing to git hub : git push origin master

Screenshots:


MINGW64:/c/Users/Administrator/Desktop/personal-website
$ ls
index.html script.js style.css
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git remote add origin "https://github.com/hruthingali/personal-website.git"
error: remote origin already exists.
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git add .
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git commit -m "attractive portfolio"
[master f7555b9] attractive portfolio
3 files changed, 151 insertions(+), 25 deletions(-)
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git push -u master
fatal: 'master' does not appear to be a git repository
fatal: Could not read from remote repository.
Please make sure you have the correct access rights
and the repository exists.
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git push master
fatal: 'master' does not appear to be a git repository
fatal: Could not read from remote repository.
Please make sure you have the correct access rights
and the repository exists.
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git push origin master
Enumerating objects: 9, done.
Type here to search
ENG
US
14:48
06-01-2025

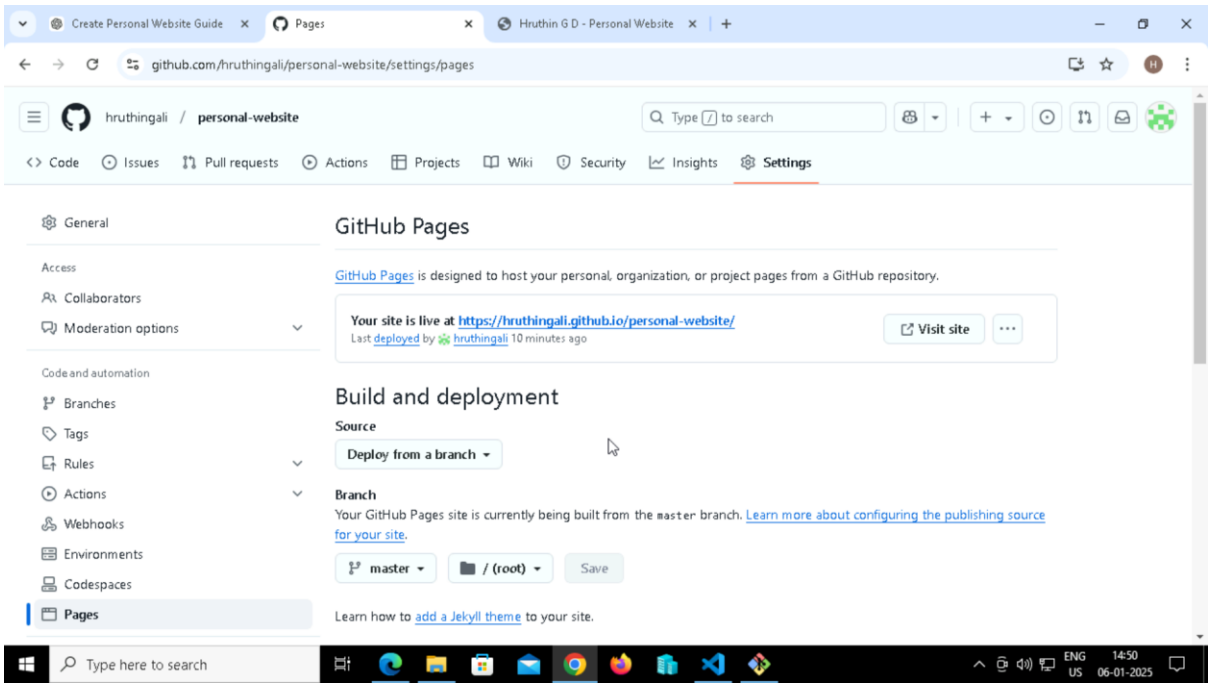

MINGW64:/c/Users/Administrator/Desktop/personal-website
and the repository exists.
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git push master
fatal: 'master' does not appear to be a git repository
fatal: Could not read from remote repository.
Please make sure you have the correct access rights
and the repository exists.
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git push origin master
Enumerating objects: 9, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 2.02 KiB | 1.01 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/hruthingali/personal-website.git
4fdb36d..f7555b9 master -> master
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git add .
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git commit -m "added city"
[master 62c678c] added city
1 file changed, 1 insertion(+), 1 deletion(-)
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Type here to search
ENG
US
14:48
06-01-2025


MINGW64:/c/Users/Administrator/Desktop/personal-website
remote:
remote: Create a pull request for 'main' on GitHub by visiting:
remote: https://github.com/hruthingali/personal-website/pull/new/main
remote:
To https://github.com/hruthingali/personal-website.git
* [new branch] main -> main
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (main)
$ git checkout master
M index.html
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ ls
index.html script.js style.css
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git add .
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git commit -m "added 3rd project"
[master 6ccfc0b] added 3rd project
1 file changed, 14 insertions(+), 1 deletion(-)
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git add .
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git commit -m "added 3rd project"
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)
Type here to search
ENG
US
14:48
06-01-2025


MINGW64:/c/Users/Administrator/Desktop/personal-website
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)
nothing to commit, working tree clean
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 619 bytes | 619.00 KiB/s, done.
Total 3 (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/hruthingali/personal-website.git
62c678c..6ccfc0b master -> master
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git add .
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git commit -m "added my third project"
On branch master
Your branch is up to date with 'origin/master'.
nothing to commit, working tree clean
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$ git push origin master
Everything up-to-date
Administrator@4f7e8c7e4ccb5e3 MINGW64 ~/Desktop/personal-website (master)
$
Type here to search
ENG
US
14:48
06-01-2025

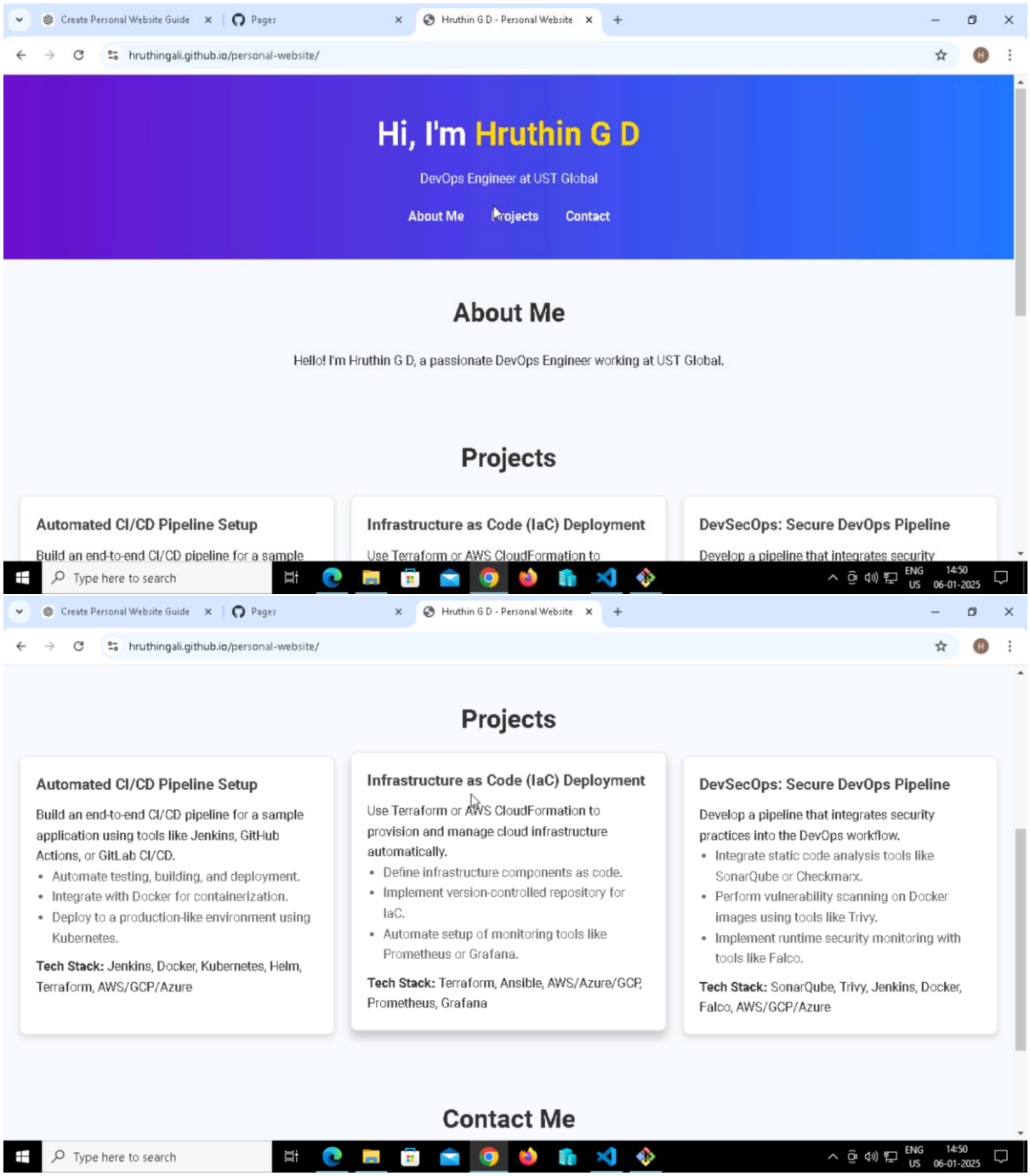
On git hub go to pages and create link

Screenshots :



Now open link generated by git hub :

https://hruthingali.github.io/personal-website/


Create Personal Website Guide
Pages
Hruthin G D - Personal Website
hruthingali.github.io/personal-website/
Hi, I'm Hruthin G D
DevOps Engineer at UST Global
About Me
Projects
Contact
About Me
Hello! I'm Hruthin G D, a passionate DevOps Engineer working at UST Global.
Projects
Automated CI/CD Pipeline Setup
Infrastructure as Code (IaC) Deployment
DevSecOps: Secure DevOps Pipeline
Type here to search
ENG
US
14:50
06-01-2025

Create Personal Website Guide
Pages
Hruthin G D - Personal Website
hruthingali.github.io/personal-website/
Projects
Automated CI/CD Pipeline Setup
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Deploy to a production-like environment using Kubernetes.
Tech Stack: Jenkins, Docker, Kubernetes, Helm, Terraform, AWS/GCP/Azure
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Use Terraform or AWS CloudFormation to provision and manage cloud infrastructure automatically.
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Perform vulnerability scanning on Docker images using tools like Trivy.
Implement runtime security monitoring with tools like Falco.
Tech Stack: SonarQube, Trivy, Jenkins, Docker, Falco, AWS/GCP/Azure
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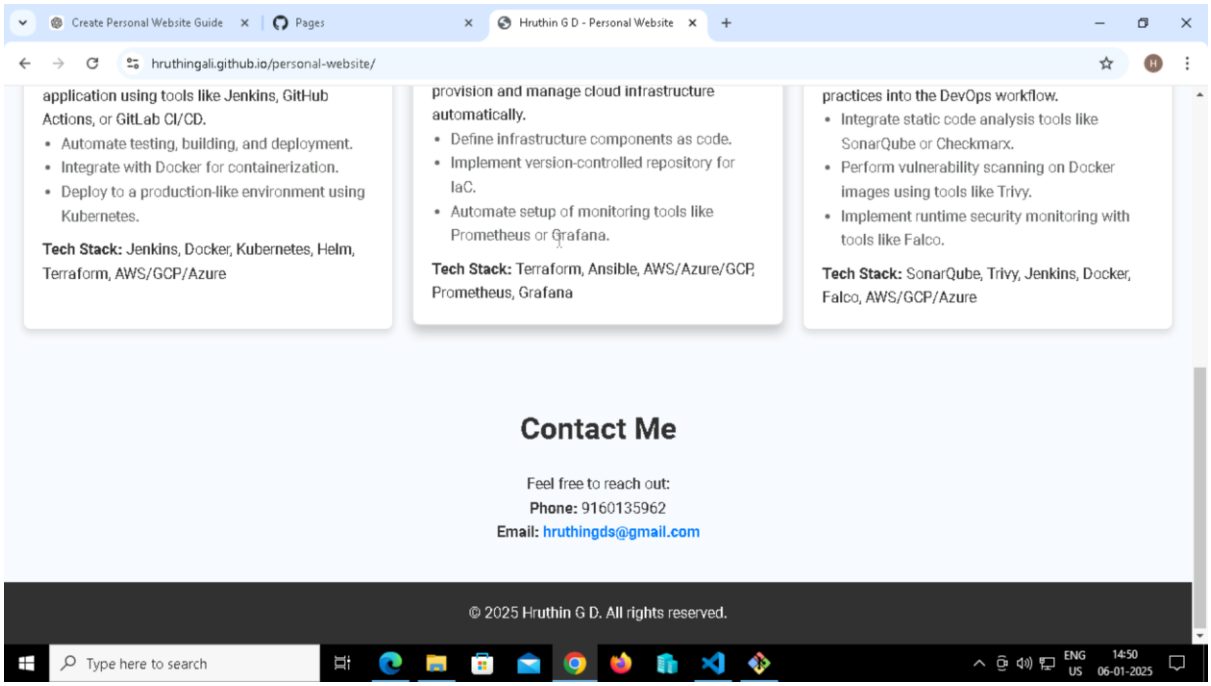
Create Personal Website Guide
Pages
Hruthin G D - Personal Website
hruthingali.github.io/personal-website/
application using tools like Jenkins, GitHub Actions, or GitLab CI/CD.
Automate testing, building, and deployment.
Integrate with Docker for containerization.
Deploy to a production-like environment using Kubernetes.
Tech Stack: Jenkins, Docker, Kubernetes, Helm, Terraform, AWS/GCP/Azure
provision and manage cloud infrastructure automatically.
Define infrastructure components as code.
Implement version-controlled repository for IaC.
Automate setup of monitoring tools like Prometheus or Grafana.
Tech Stack: Terraform, Ansible, AWS/Azure/GCP, Prometheus, Grafana
practices into the DevOps workflow.
Integrate static code analysis tools like SonarQube or Checkmarx.
Perform vulnerability scanning on Docker images using tools like Trivy.
Implement runtime security monitoring with tools like Falco.
Tech Stack: SonarQube, Trivy, Jenkins, Docker, Falco, AWS/GCP/Azure
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