**Team Members:**

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**AWS - Gatsby Website Creating by Using Terraform**

**Creating SSL Certificate**

* Go to AWS Management 🡪 Go to Amazon Certificate Manager 🡪 Request and Create the Certificate 🡪 Copy the CNAME Name and CNAME Value 🡪 Open the Freenom Account 🡪 Go to the Nameservers 🡪 Paste the CNAME Name and CNAME Value in Freenom Domain.
* Now SSL Certificate is created successfully.

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Graphical user interface, text, application, email

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Graphical user interface, text, application

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**Create Hosted Zone by Route 53**

* Go to the AWS Management Console 🡪 Go to the Route 53 🡪 Create the DNS Hosted Zone 🡪 Enter the Domain Name 🡪 Create the Hosted Zone.

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Graphical user interface, application

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**Create S3, Cloud Front & Route 53 Using Terraform**

* Create the S3 for using the Terraform Codes.
* Then upload the Front-end Framework for the **Gatsby Website** using the AWS Management Console.
* Create the Cloud Front by using the Terraform Codes.
* Create Route 53 by using the Terraform Codes.
* Then the Cloud Front and SSL Certificate are attached using the Terraform Codes.

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* Open the Terminal and do the following Terraform Commands.

# terraform init

# terraform plan

# terraform validate

# terraform apply

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* Copy and Paste the SSL Certificate ARN, Domain Name and Hosted Zone ID.

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* Now Deploying the Terraform Codes Successfully.

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* Go to the S3 Bucket 🡪 Upload the Gatsby Website Framework 🡪 Then Copy the Cloud Front Domain URL 🡪 Paste the Chrome.

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* Copy the Distribution Domain Name and Paste it to Chrome.
* Now Gatsby Website Frontend Page is Hosted because S3 is only allowed to the Static web hosting so Front-end Page only Hosted.

A screenshot of a computer

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* Now Destroy all Terraform Codes.

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