**Conestoga College**

**Cloud Development and Operations**

**Sem - 2**

**Cloud Architectures and Infrastructure as Code**

**PROG8870**

**Final Project**

**Name:- Archit Patel**

**Professor:- Vikas Vattikonda**

Terraform init:

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Terraform plan:

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Terraform apply:

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S3 Bucket + Versioning Enable

**1. tf-private-bucket-1-archit8897679**

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**2. tf-private-bucket-2-archit8897679  
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**3. tf-private-bucket-3-archit8897679**

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**4. tf-private-bucket-4-archit8897679**

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**EC2 Instance**

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**RDS Database**

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**VPC**

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**Subnets**

**1. main subnet**

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**2. secondary subnet**

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**Route Tables**

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**Security Groups**

**1. allow\_ssh with port 22**

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**2. allow\_mysql with port 3306**

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**Internet Gateway**

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**CloudFormation  
S3 Stack**

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**EC2 Stack**

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**RDS Stack**

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