THREE TIER APP ARCHITECTURE

AWS Cloud

VPC

Availability Zone 1

Public Subnet

ALB Node

NAT Gateway

Application Load Balancer

Availabilty Zone 2

Public Subnet

ALB Node

NAT Gateway

Route53

User

CloudFront

Static UI Assets in S3 Bucket

Private App Subnet

ECS Fargate Tasks

Secrets Manager

AWS ECR

Private App Subnet

ECS Fargate Tasks

Private Data Subnet

RDS Postgre SQL Primary

Synchronous Replication

Private Data Subnet

RDS Postgre SQL Standby