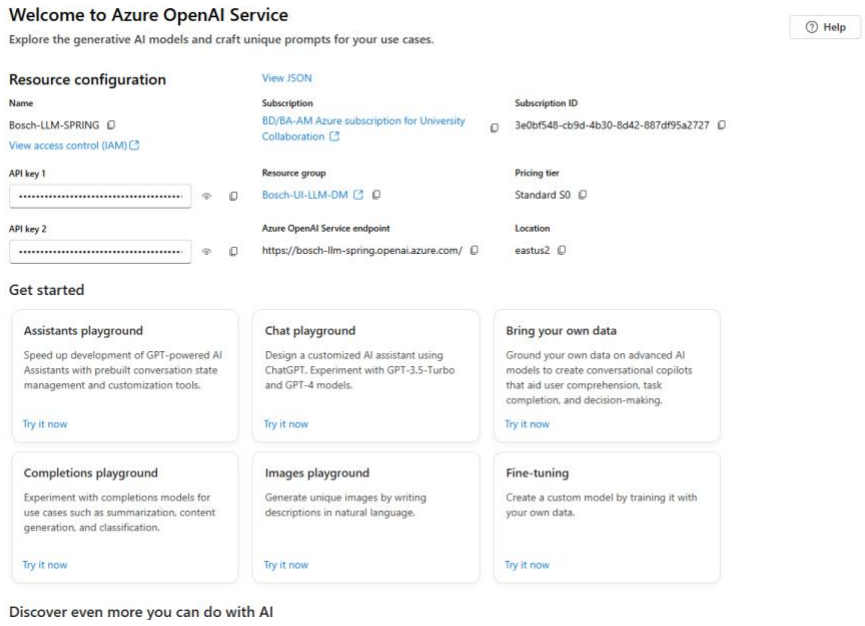
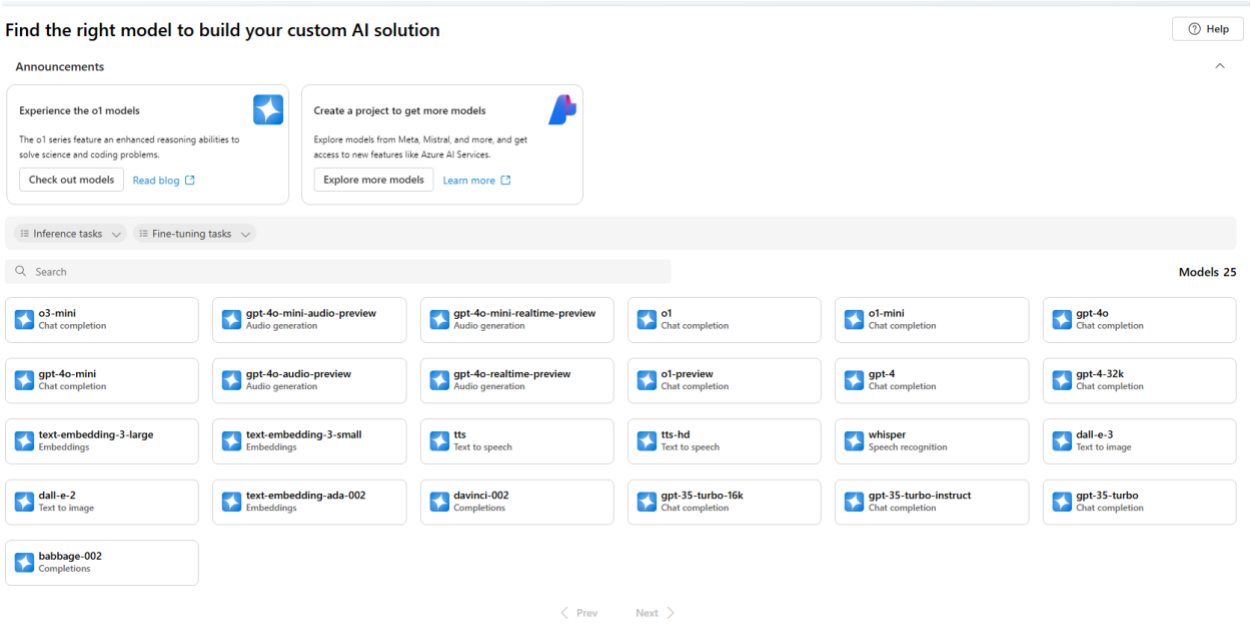
FINE TUNING

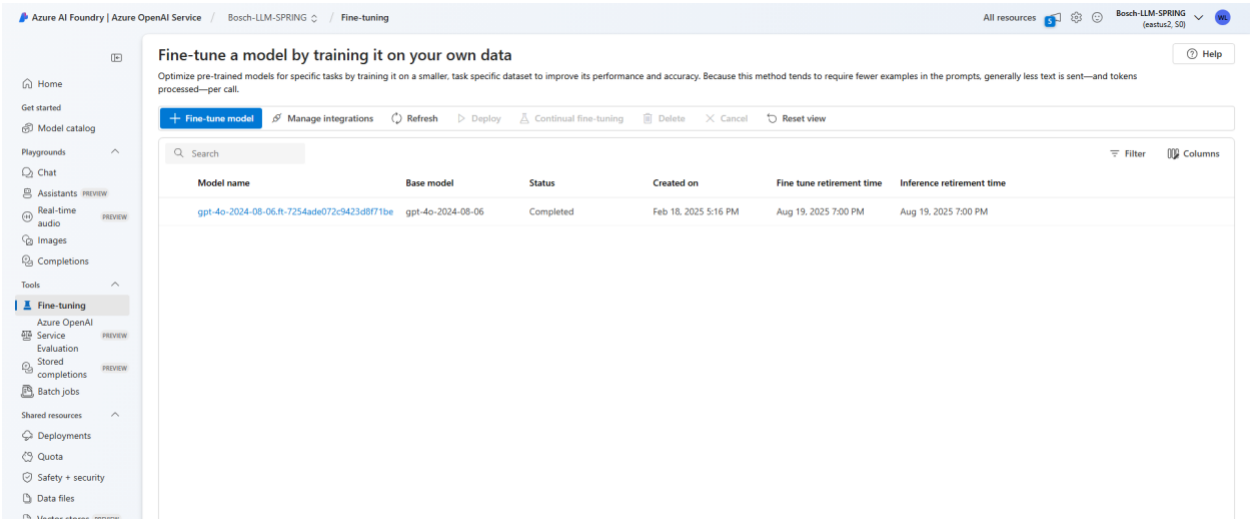
Setting up the resource for fine tuning:



Choose a base model:



Fine tune a base model through the platform:



Checking model attributes:

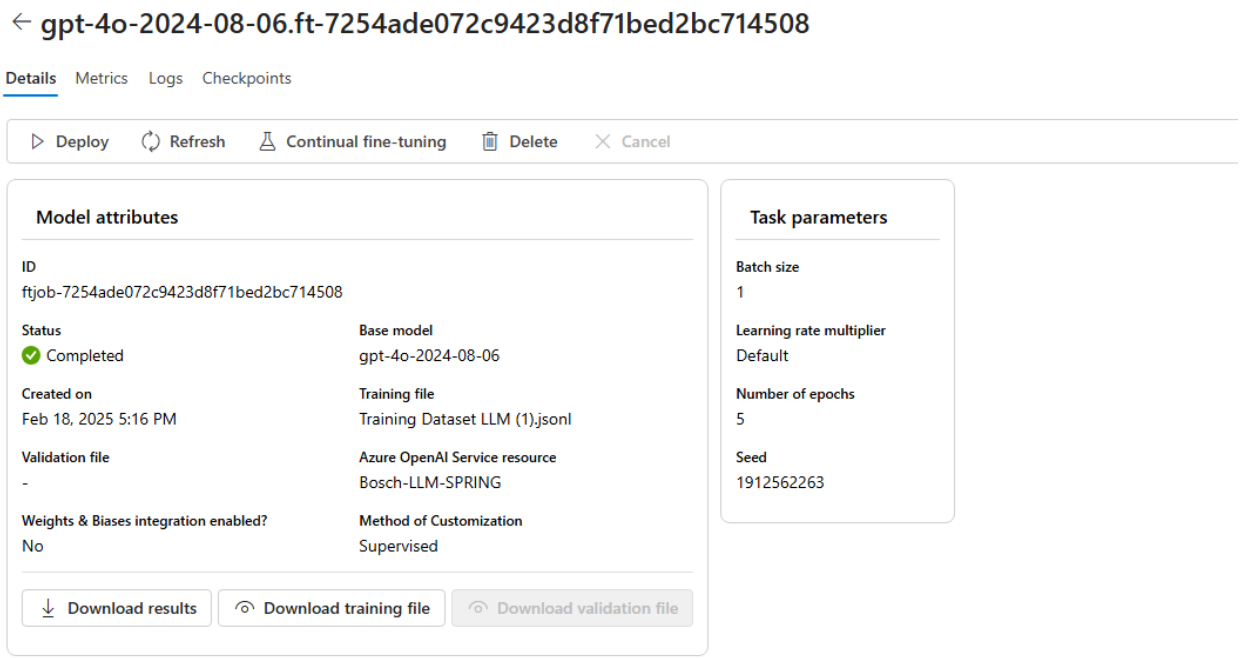
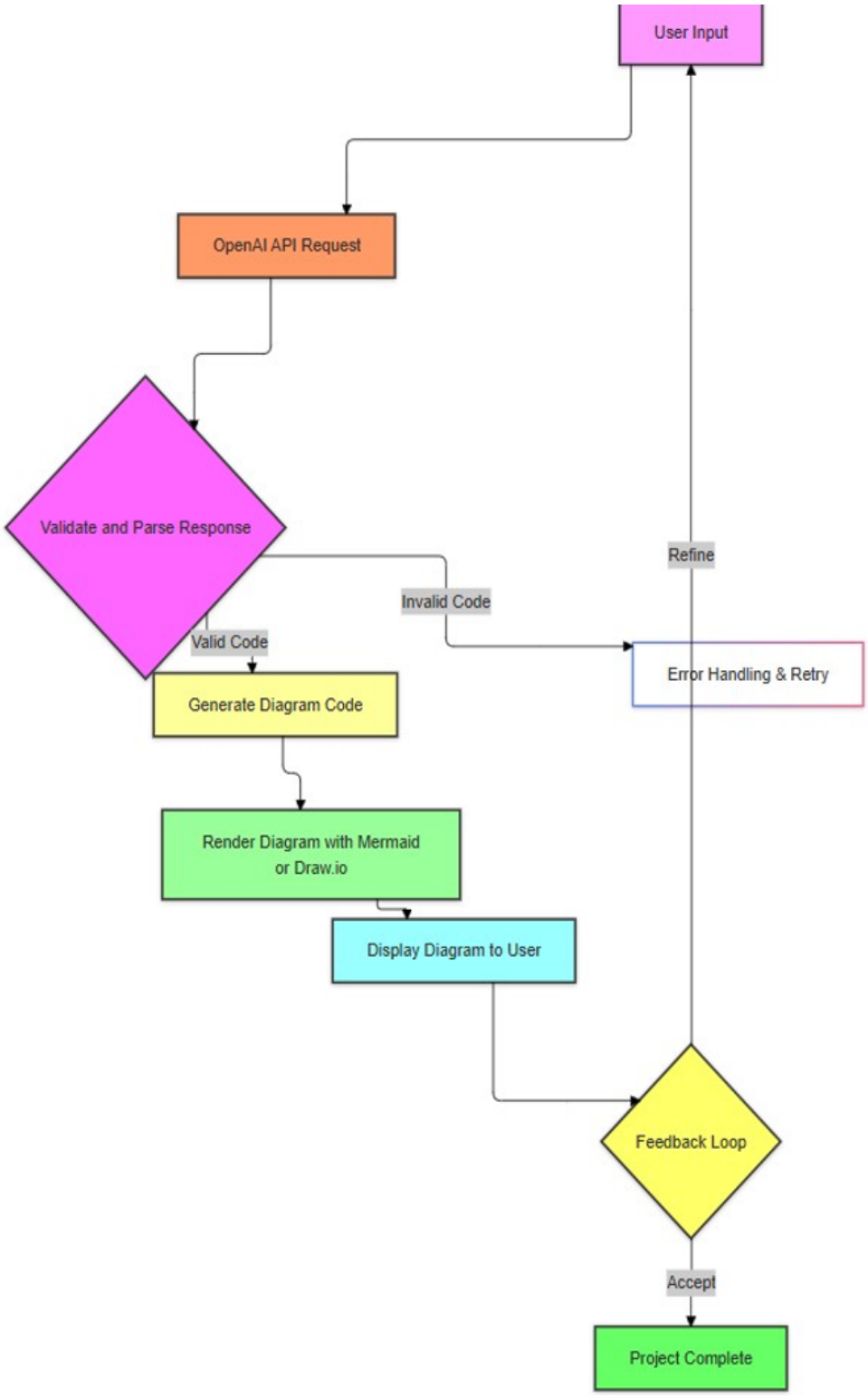
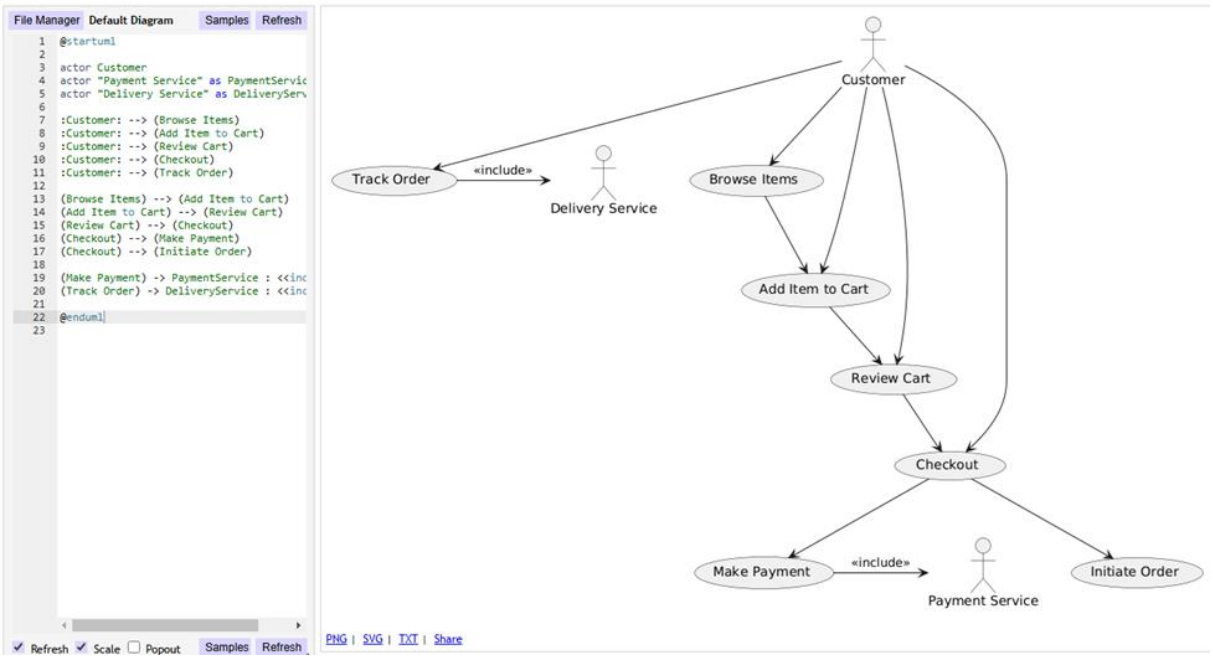


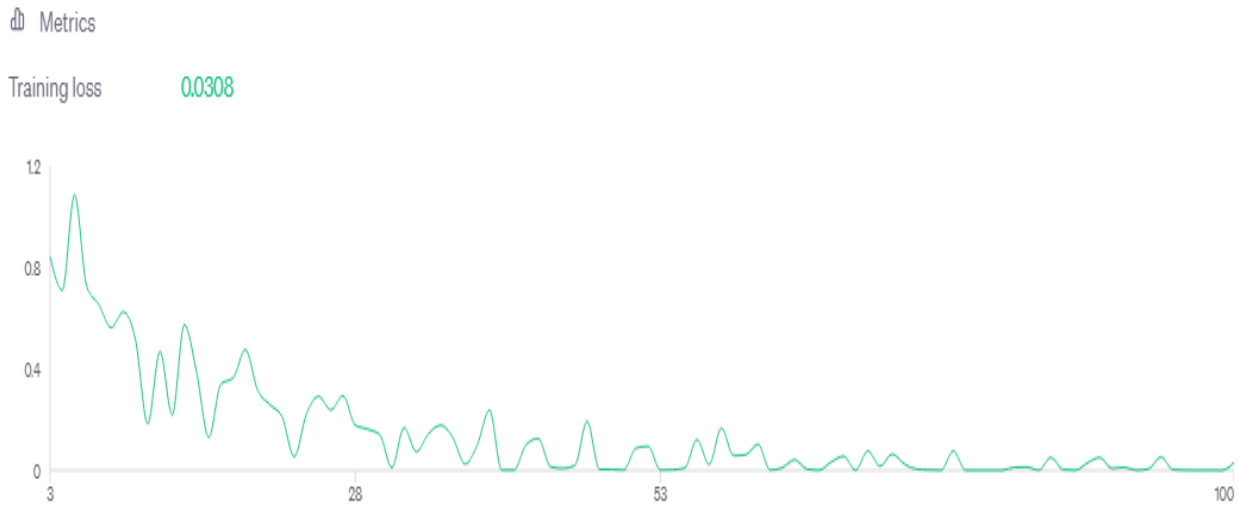
Diagram generation workflow:



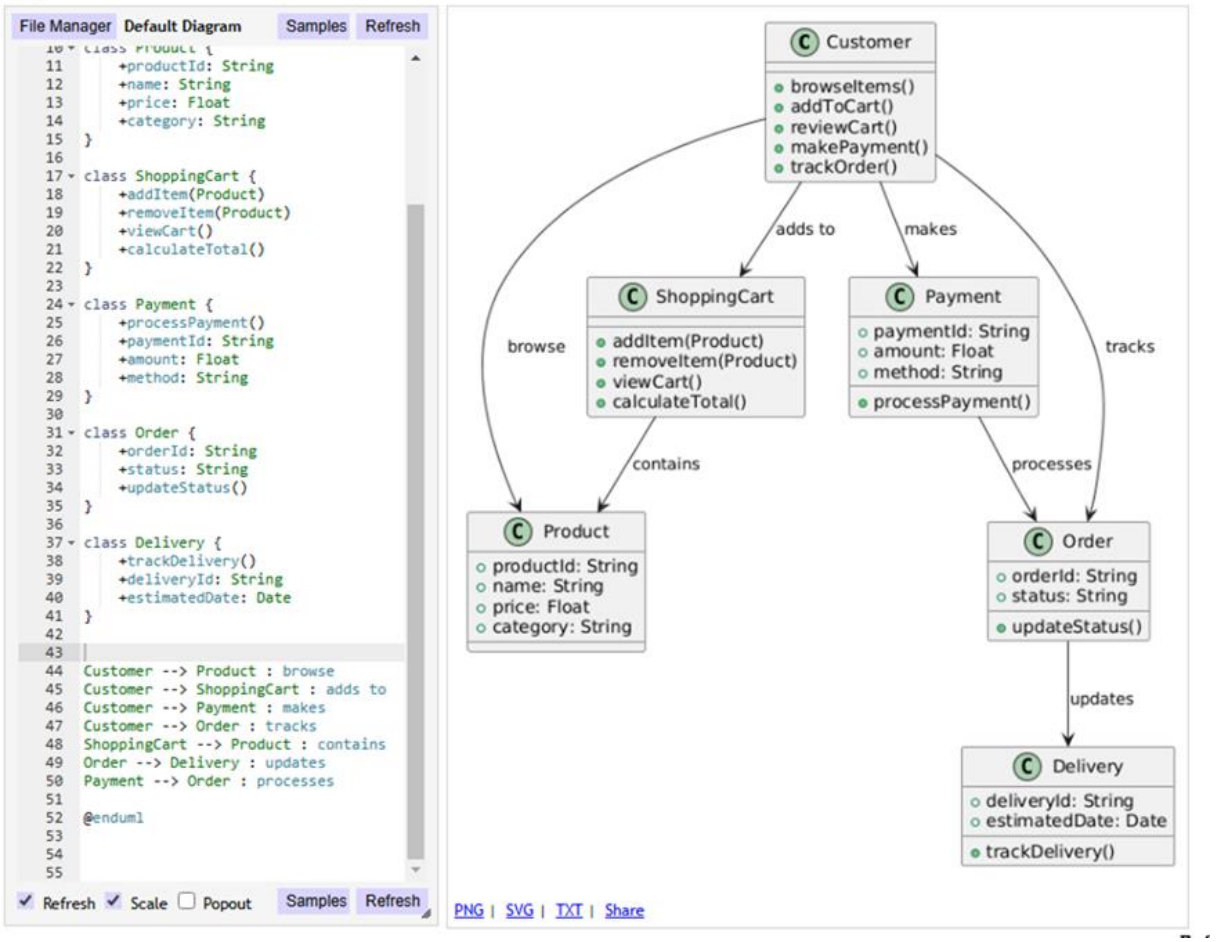
Before fine tuning(database diagram):



Training loss:



After fine tuning(database diagram):

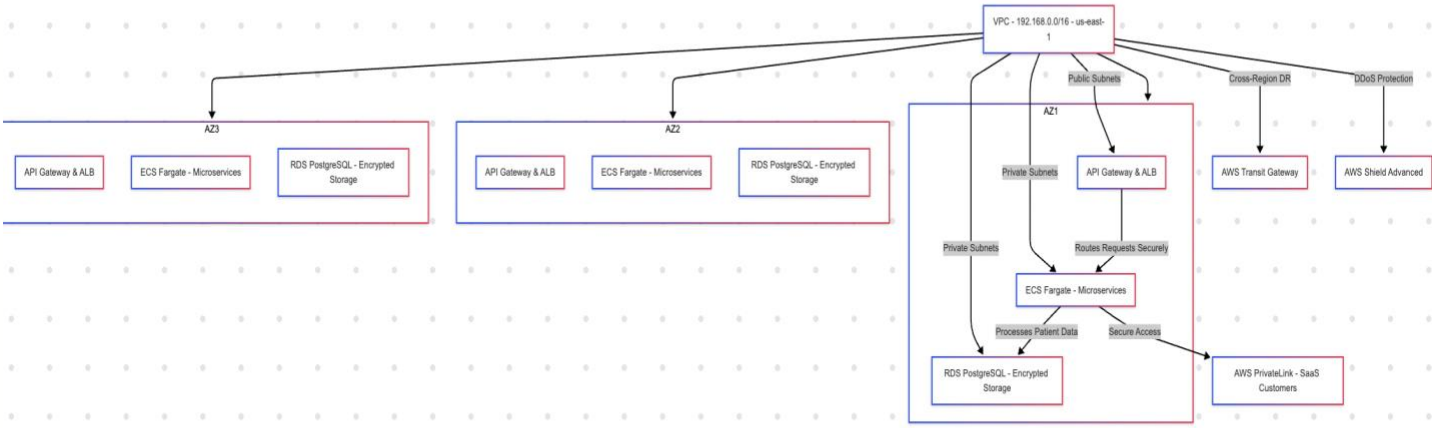


Mermaid code sample(cloud networking diagram):

```
graph TD;

    A[VPC - 192.168.0.0/16 - us-east-1] -->|Public Subnets| B[API Gateway & ALB]
    A -->|Private Subnets| C[ECS Fargate - Microservices]
    A -->|Private Subnets| D[RDS PostgreSQL - Encrypted Storage]

    B -->|Routes Requests Securely| C
    C -->|Processes Patient Data| D

    C -->|Secure Access| E[AWS PrivateLink - SaaS Customers]
    A -->|Cross-Region DR| F[AWS Transit Gateway]
```

```
A -->|DDoS Protection| G[AWS Shield Advanced]


subgraph AZ1
    B
    C
    D
end

subgraph AZ2
    B2[API Gateway & ALB]
    C2[ECS Fargate - Microservices]
    D2[RDS PostgreSQL - Encrypted Storage]
end

subgraph AZ3
    B3[API Gateway & ALB]
    C3[ECS Fargate - Microservices]
    D3[RDS PostgreSQL - Encrypted Storage]
end

A --> AZ1
A --> AZ2
A --> AZ3
```

Cloud networking diagram sample:


VPC - 192.168.0.0/16 - us-east-1
AZ3
API Gateway & ALB
ECS Fargate - Microservices
RDS PostgreSQL - Encrypted Storage
AZ2
API Gateway & ALB
ECS Fargate - Microservices
RDS PostgreSQL - Encrypted Storage
Public Subnets
AZ1
Private Subnets
API Gateway & ALB
Private Subnets
Routes Requests Securely
ECS Fargate - Microservices
Processes Patient Data
Secure Access
RDS PostgreSQL - Encrypted Storage
Cross-Region DR
AWS Transit Gateway
DDoS Protection
AWS Shield Advanced
AWS PrivateLink - SaaS Customers