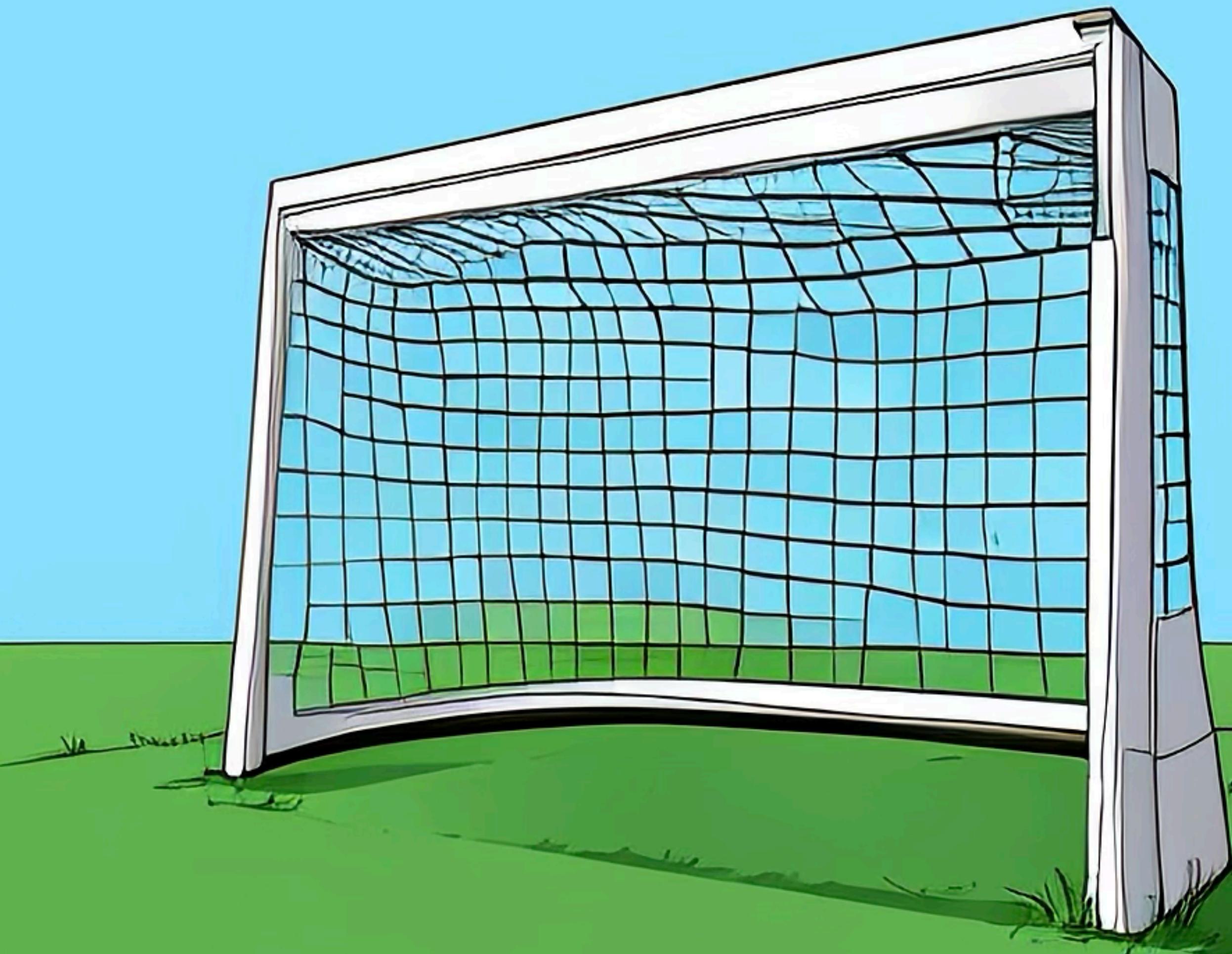


# Mini Deployment 1

Section six

The goal of this  
section



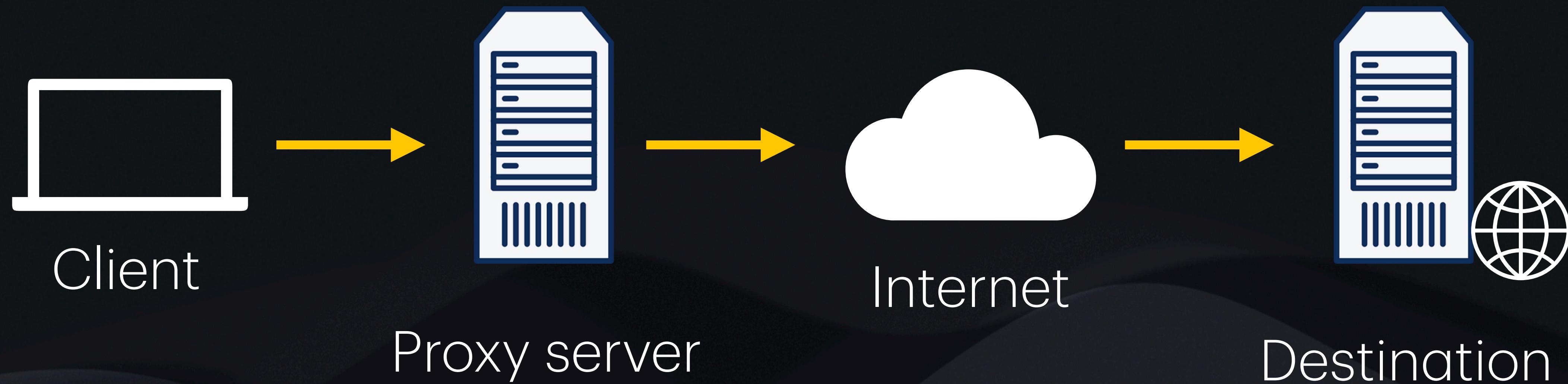
To deploy our existing project to docker  
compose running on our dev machine

To set up a reverse proxy using YARP  
which will proxy requests to our  
individual internal services

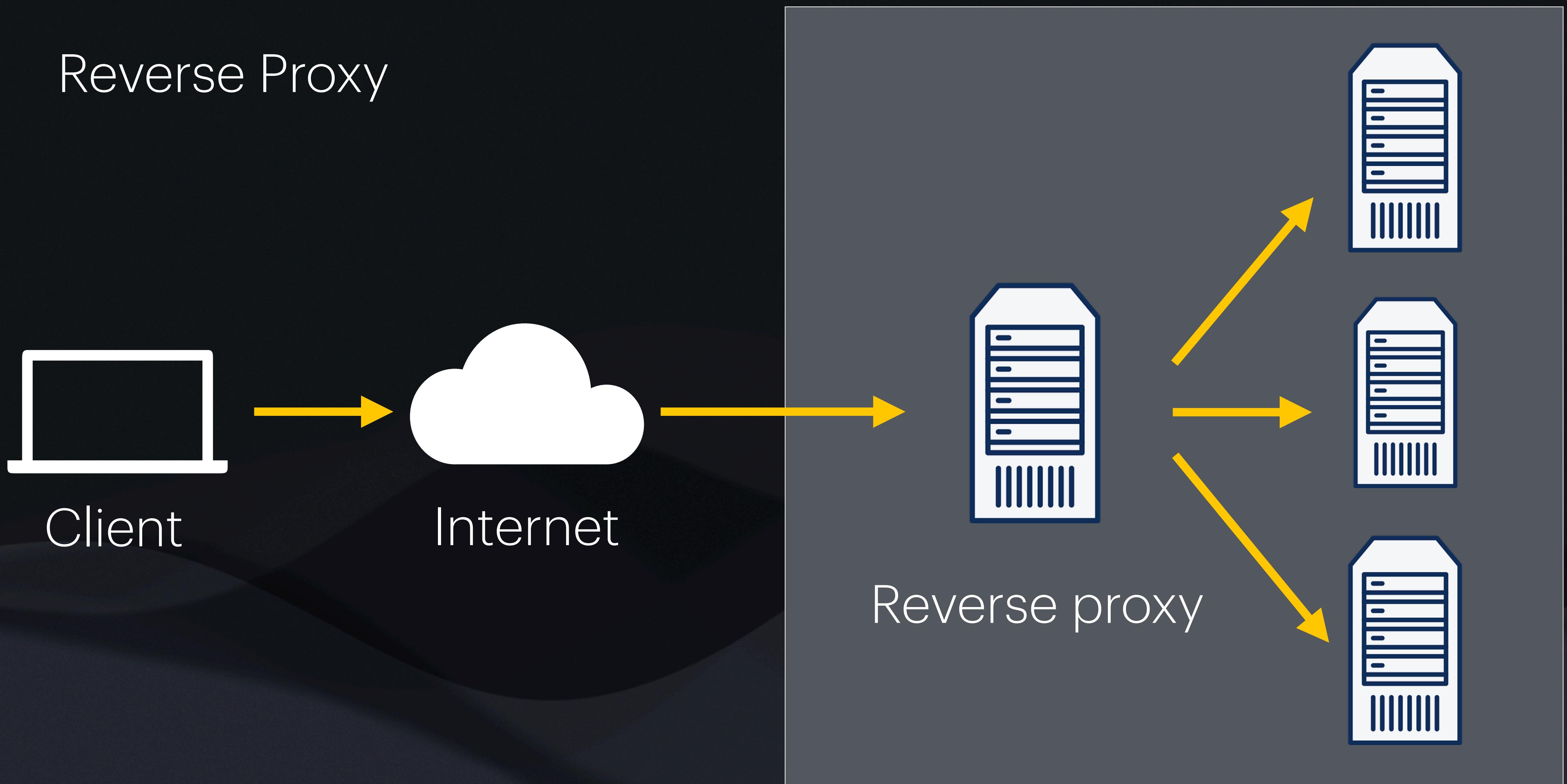
To create a reverse proxy using Nginx  
which will proxy requests externally to  
the internal services such as keycloak  
and the gateway service

# What is a Reverse Proxy?

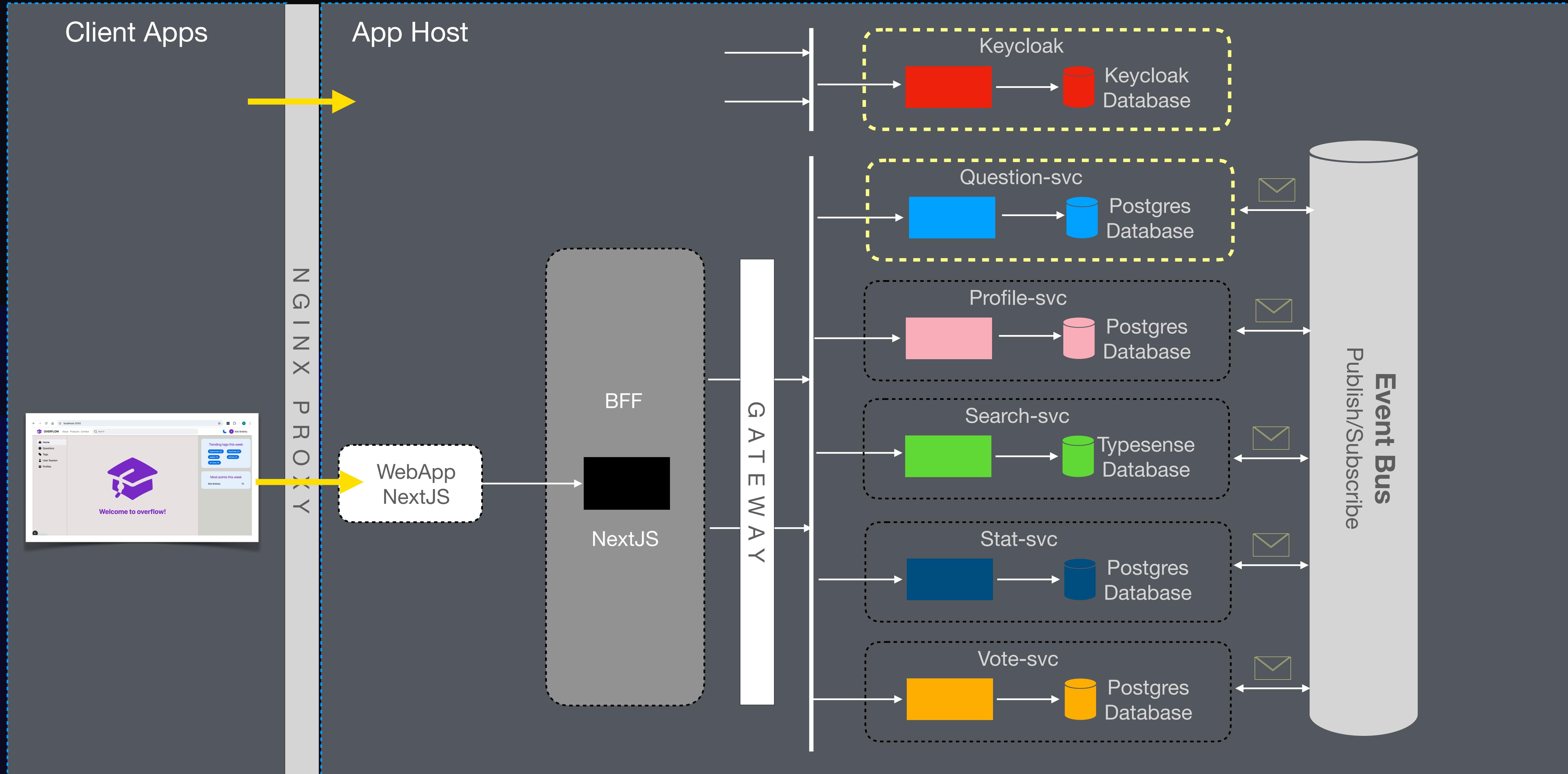
Proxy



# What is a Reverse Proxy?



# Overflow Architecture



# Service resiliency

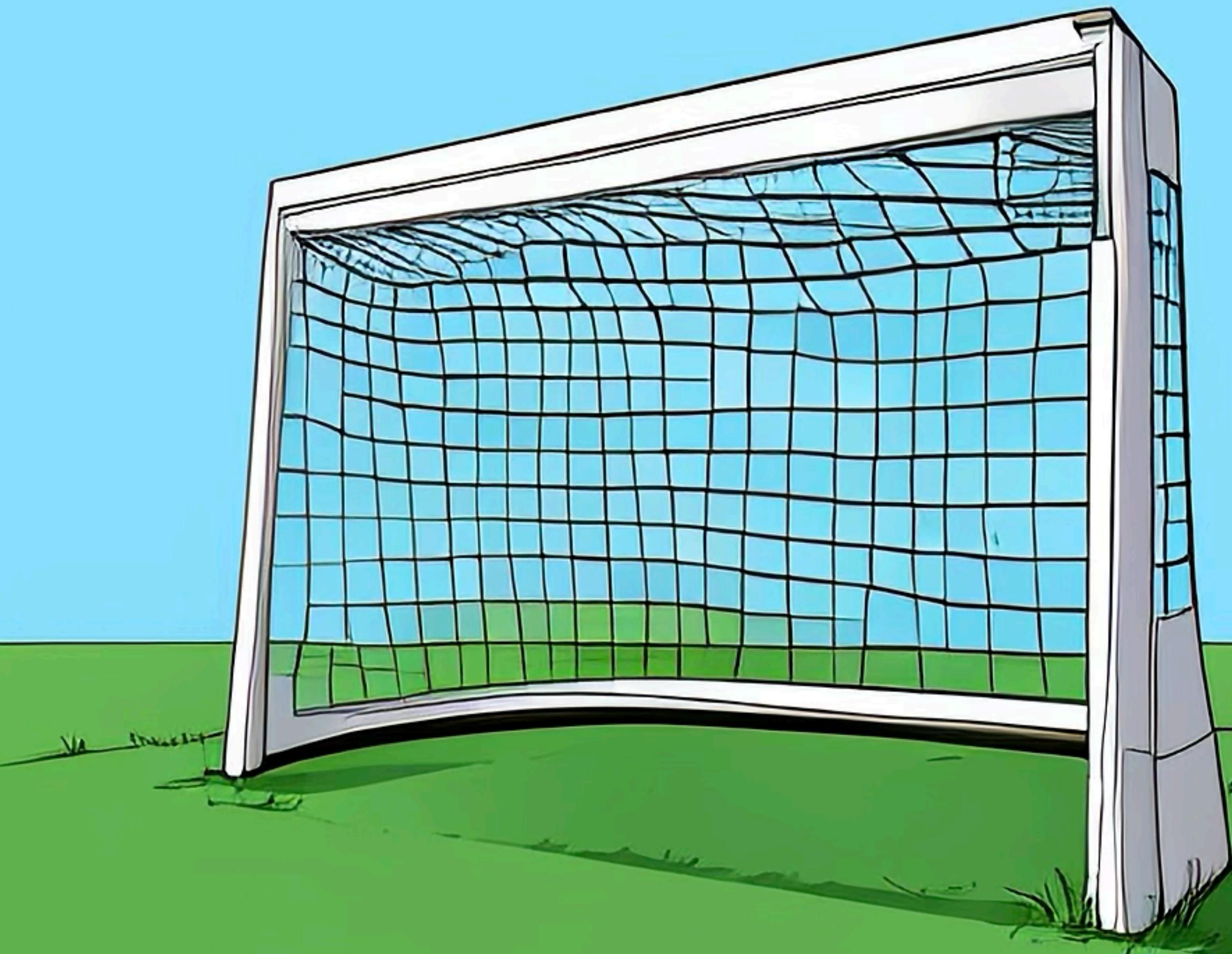
docker-compose.yml

```
question-svc:
  image: "${QUESTION_SVC_IMAGE}"
  environment:
    services__keycloak__http__0: "http://keycloak:8080"
    services__keycloak__management__0: "http://keycloak:9000"
    ConnectionStrings__questionDb:
      "Host=postgres;Port=5432;Username=postgres;Password=${POSTGRES_PASSWORD};Database=questionDb"
    ConnectionStrings__messaging: "amqp://guest:${MESSAGING_PASSWORD}@messaging:5672"
    OTEL_EXPORTER_OTLP_ENDPOINT: "http://production-dashboard:18889"
    OTEL_EXPORTER_OTLP_PROTOCOL: "grpc"
    OTEL_SERVICE_NAME: "question-svc"
  expose:
    - "${QUESTION_SVC_PORT}"
  depends_on:
    keycloak:
      condition: "service_started"
    postgres:
      condition: "service_started"
    messaging:
      condition: "service_started"
  networks:
    - "aspire"
```

# Demo

# Summary of Section six

The goal of this  
section

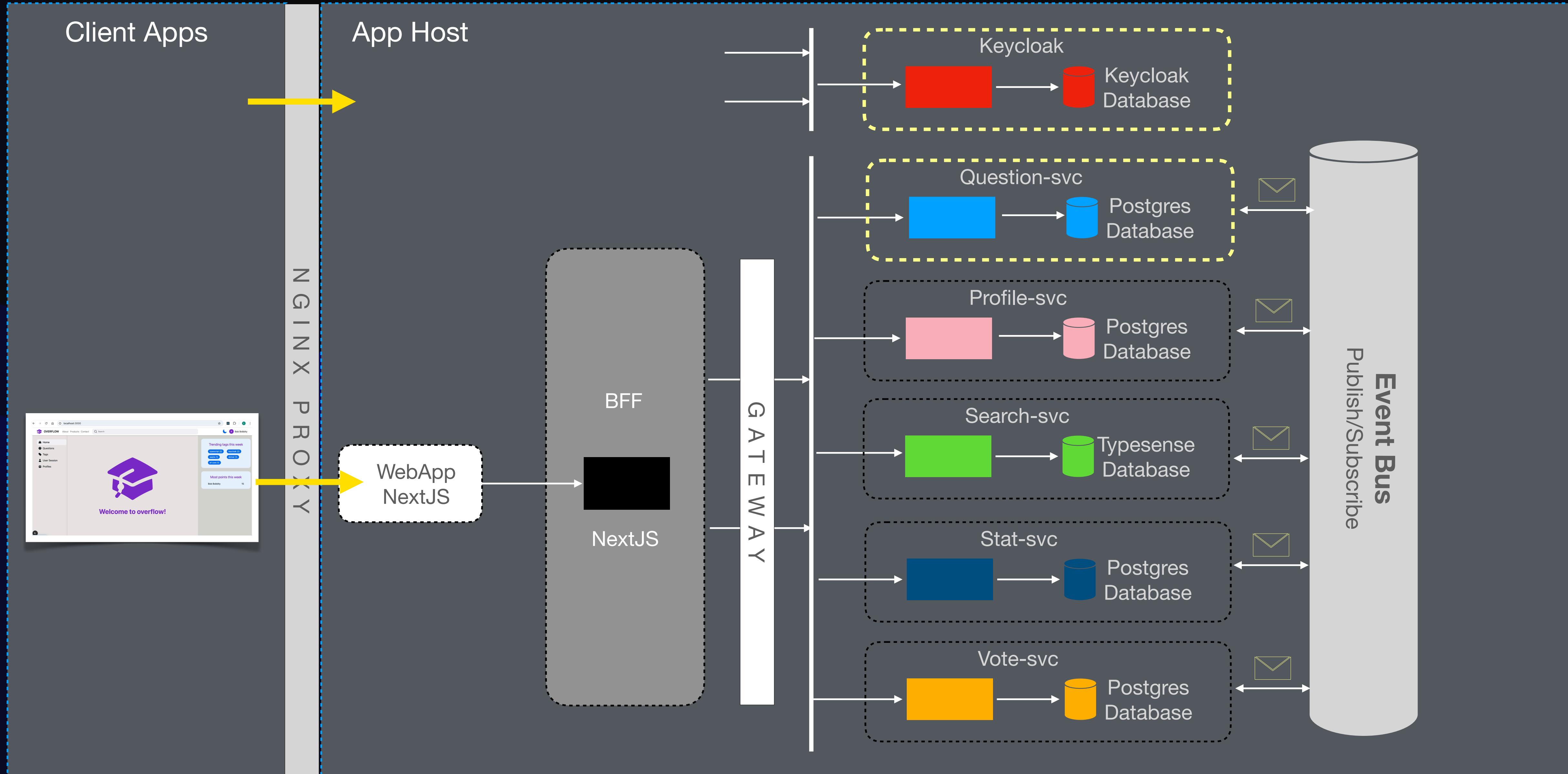


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# Overflow Architecture



Up next...