

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: gift-service
  labels:
    app: gift-service
    project: gift-service
    tier: backend
spec:
  replicas: 1
  selector:
    matchLabels:
      app: gift-service
  template:
    metadata:
      labels:
        app: gift-service
    spec:
      containers:
        - name: api-gateway
          image: sk124590/api-gateway:2.1
          ports:
            - containerPort: 8080
          env:
            - name: SERVICE_USER_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: SERVICE_USER_URI
            - name: SERVICE_PRODUCT_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: SERVICE_PRODUCT_URI
            - name: SERVICE_WISH_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: SERVICE_WISH_URI
            - name: SERVICE_ORDER_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: SERVICE_ORDER_URI
            - name: JWT_SECRET
              valueFrom:
                secretKeyRef:
                  name: gift-secret
                  key: JWT_SECRET
      resources:
        requests:
          cpu: "100m"
```

```

        memory: "256Mi"
      limits:
        cpu: "500m"
        memory: "512Mi"
    - name: user-service
      image: sk124590/user-service:2.1
      ports:
        - containerPort: 8084
      env:
        - name: JWT_SECRET
          valueFrom:
            secretKeyRef:
              name: gift-secret
              key: JWT_SECRET
        - name: KAKAO_CLIENT_ID
          valueFrom:
            secretKeyRef:
              name: gift-secret
              key: KAKAO_CLIENT_ID
        - name: KAKAO_CLIENT_SECRET
          valueFrom:
            secretKeyRef:
              name: gift-secret
              key: KAKAO_CLIENT_SECRET
        - name: KAKAO_REDIRECT_URI
          valueFrom:
            configMapKeyRef:
              name: gift-config
              key: KAKAO_REDIRECT_URI
      resources:
        requests:
          cpu: "100m"
          memory: "512Mi"
        limits:
          cpu: "500m"
          memory: "1Gi"
    - name: product-service
      image: sk124590/product-service:2.1
      ports:
        - containerPort: 8081
      resources:
        requests:
          cpu: "150m"
          memory: "512Mi"
        limits:
          cpu: "1000m"
          memory: "1Gi"
    - name: wish-service
      image: sk124590/wish-service:2.1
      ports:
        - containerPort: 8082
      env:
        - name: SERVICE_PRODUCT_URI
          valueFrom:

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      configMapKeyRef:
        name: gift-config
        key: SERVICE_PRODUCT_URI
resources:
  requests:
    cpu: "100m"
    memory: "512Mi"
  limits:
    cpu: "700m"
    memory: "1Gi"
- name: order-service
  image: sk124590/order-service:2.1
  ports:
    - containerPort: 8083
  env:
    - name: SERVICE_PRODUCT_URI
      valueFrom:
        configMapKeyRef:
          name: gift-config
          key: SERVICE_PRODUCT_URI
    - name: SERVICE_WISH_URI
      valueFrom:
        configMapKeyRef:
          name: gift-config
          key: SERVICE_WISH_URI
    - name: SERVICE_USER_URI
      valueFrom:
        configMapKeyRef:
          name: gift-config
          key: SERVICE_USER_URI
    - name: FRONT_DOMAIN
      valueFrom:
        configMapKeyRef:
          name: gift-config
          key: FRONT_DOMAIN
    - name: KAKAO_CLIENT_ID
      valueFrom:
        secretKeyRef:
          name: gift-secret
          key: KAKAO_CLIENT_ID
    - name: KAKAO_CLIENT_SECRET
      valueFrom:
        secretKeyRef:
          name: gift-secret
          key: KAKAO_CLIENT_SECRET
resources:
  requests:
    cpu: "100m"
    memory: "512Mi"
  limits:
    cpu: "700m"
    memory: "1Gi"

```

volumes: [] # No persistent volumes are defined due to stateless application design

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---
apiVersion: v1
kind: Service
metadata:
  name: gift-app-svc
  labels:
    app: gift-app
    project: gift-service
    tier: frontend
spec:
  type: LoadBalancer
  ports:
    - port: 8080
      targetPort: 8085
  selector:
    app: gift-app
---
apiVersion: v1
kind: Service
metadata:
  name: api-gateway-svc
  labels:
    app: api-gateway
    project: gift-service
    tier: backend
spec:
  type: ClusterIP
  ports:
    - port: 8080
      targetPort: 8080
  selector:
    app: api-gateway
---
apiVersion: v1
kind: Service
metadata:
  name: user-service-svc
  labels:
    app: user-service
    project: gift-service
    tier: backend
spec:
  type: ClusterIP
  ports:
    - port: 8084
      targetPort: 8084
  selector:
    app: user-service
---
apiVersion: v1
kind: Service
metadata:
  name: product-service-svc
  labels:
```

```

    app: product-service
    project: gift-service
    tier: backend
spec:
  type: ClusterIP
  ports:
    - port: 8081
      targetPort: 8081
  selector:
    app: product-service
---
apiVersion: v1
kind: Service
metadata:
  name: wish-service-svc
  labels:
    app: wish-service
    project: gift-service
    tier: backend
spec:
  type: ClusterIP
  ports:
    - port: 8082
      targetPort: 8082
  selector:
    app: wish-service
---
apiVersion: v1
kind: Service
metadata:
  name: order-service-svc
  labels:
    app: order-service
    project: gift-service
    tier: backend
spec:
  type: ClusterIP
  ports:
    - port: 8083
      targetPort: 8083
  selector:
    app: order-service

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YAML 위치와 내용	참조된 Source	비고
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(해당 없음)	(해당 없음)	입력 YAML에 # From source_X 주석이 없음
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특징: 환경변수 참조할 수 있는 리소스 정의 X