**Spring Cloud API Gateway**

* Simple, yet effective way to route to APIs\
* Provide cross cutting concerns:
  + Security
  + Monitoring/metrics
* Built on top of Spring WebFlux (Reactive Approach)
* Features:
  + Match routes on any request attribute
  + Define Predicates and Filters
  + Integrates with Spring Cloud Discovery Client (Load Balancing)
  + Path Rewriting



Fig: Spring Cloud API Gateway

1) Application.properties  
spring.application.name=api-gateway

server.port=8765

eureka.client.serviceUrl.defaultZone=http://localhost:8761/eureka

2) **ApiGatewayConfiguration.java**

**A screenshot of a computer code

Description automatically generated**

A screenshot of a computer

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