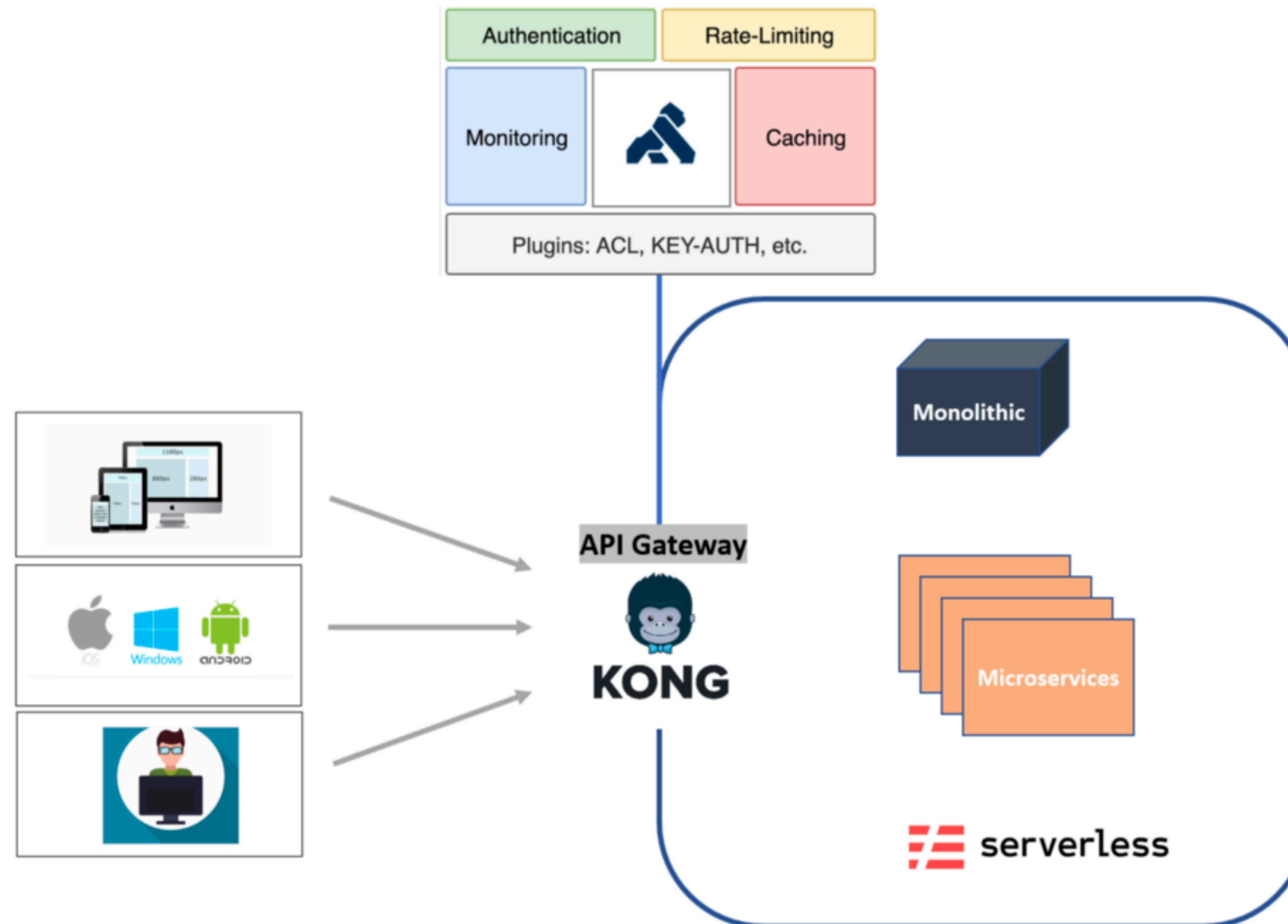


# KONG API GATEWAY

Introduction and Short Demo - <https://github.com/keshavprasadms/kong-demo.git>

**KESHAV PRASAD**

# API GATEWAY



# INTRODUCTION

- Kong is an API gateway
- Really fast, efficient and scalable
- Built using openresty platform
- Easy to customise the configurations
- Easy to extend using plugins using Lua code
- Many of the most useful plugins are free
- Can work in two modes - With DB and Without DB
- Supports Postgresql and Cassandra as backends
- Has two components
  - Data Plane
  - Control Plane

# KONG PLUGINS

- We will take a look at the following plugins for demo
  - JWT
  - ACL
  - Rate Limiting
- You can take a look at all the available plugins here <https://docs.konghq.com/hub/>

# RUNNING KONG

- The most easiest way to run Kong is using docker
- We will also run postgres and a backend echo docker container
- More details on what the possible ways to run Kong can be found here - <https://konghq.com/install>