

# Readings

1. Backend Rate Limiting Algorithms <https://systemsdesign.cloud/SystemDesign/RateLimiter>
2. Client Side Rate Limiting <https://www.youtube.com/watch?v=cjlsWDCkGu0>

## How companies use Rate Limiters

1. **Cloudflare:** <https://blog.cloudflare.com/counting-things-a-lot-of-different-things>
2. **Amazon:** <https://docs.aws.amazon.com/AWSEC2/latest/APIReference/throttling.html>
3. **Lyft:** <https://eng.lyft.com/announcing-ratelimit-c2e8f3182555>
4. **Shopify:** <https://shopify.dev/docs/api/usage/rate-limits>
5. **Stripe:** <https://stripe.com/blog/rate-limiters>

## How to setup rate limiting

1. **Kong:** <https://konghq.com/blog/engineering/how-to-design-a-scalable-rate-limiting-algorithm>
2. **Microsoft Azure:** <https://learn.microsoft.com/en-us/azure/api-management/api-management-sample-fl exible-throttling>
3. **AWS:** <https://docs.aws.amazon.com/apigateway/latest/developerguide/api-gateway-request -throttling.html>
4. **Nginx:** <https://www.nginx.com/blog/rate-limiting-nginx/>
5. **Ruby on Rails:** <https://www.scaler.com/topics/ruby-on-rails/rate-limiting-rails/>
6. **Resilience4j:** <https://resilience4j.readme.io/docs/ratelimiter>

Reach out to me on LinkedIn: <https://www.linkedin.com/in/agarwalpragy/>

Live Class notes: <https://notability.com/n/3sr9bbidCV9uvYKRavpAG>