Serverless Solutions Architecture ✳

- Fully serverless API: API Gateway + AWS Lambda.
- Out-of-box caching feature: API Gateway, DynamoDB.
- Amazon CloudFront is a fast content delivery network (CDN) service that securely delivers data, videos, applications and APIs to customers globally with low latency, high transfer speeds. DynamoDB streams enable DynamoDB to get a changelog and use that changelog to replicate data across replica tables in other AWS regions.

Amazon SQS allows you to retain messages for days and process them later, while we take down our EC2 instances.

Amazon CloudFront is a fast content delivery network (CDN) service that securely delivers data, videos, applications, and APIs to customers globally with low latency, high transfer speeds. Amazon CloudFront can be used in front of an Application Load Balancer.

Amazon Kinesis Data Streams (KDS) is a massively scalable and durable real-time data streaming service. It can continuously capture gigabytes of data per second from hundreds of sources such as website clickstreams, database event streams, financial transactions, social media feeds, IT logs, location tracking events.