How to Start with AWS

The Builder's Way

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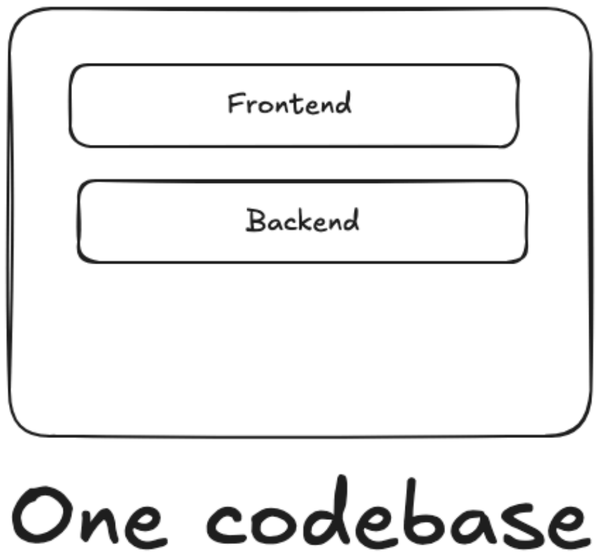
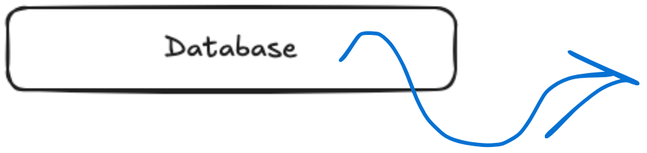
Everyone says ‘Learn AWS’... but

“You don’t start by learning services. You start by understanding how your app grows.”

Stage 1: Everything on One Machine

Stage 2: Separate the Database

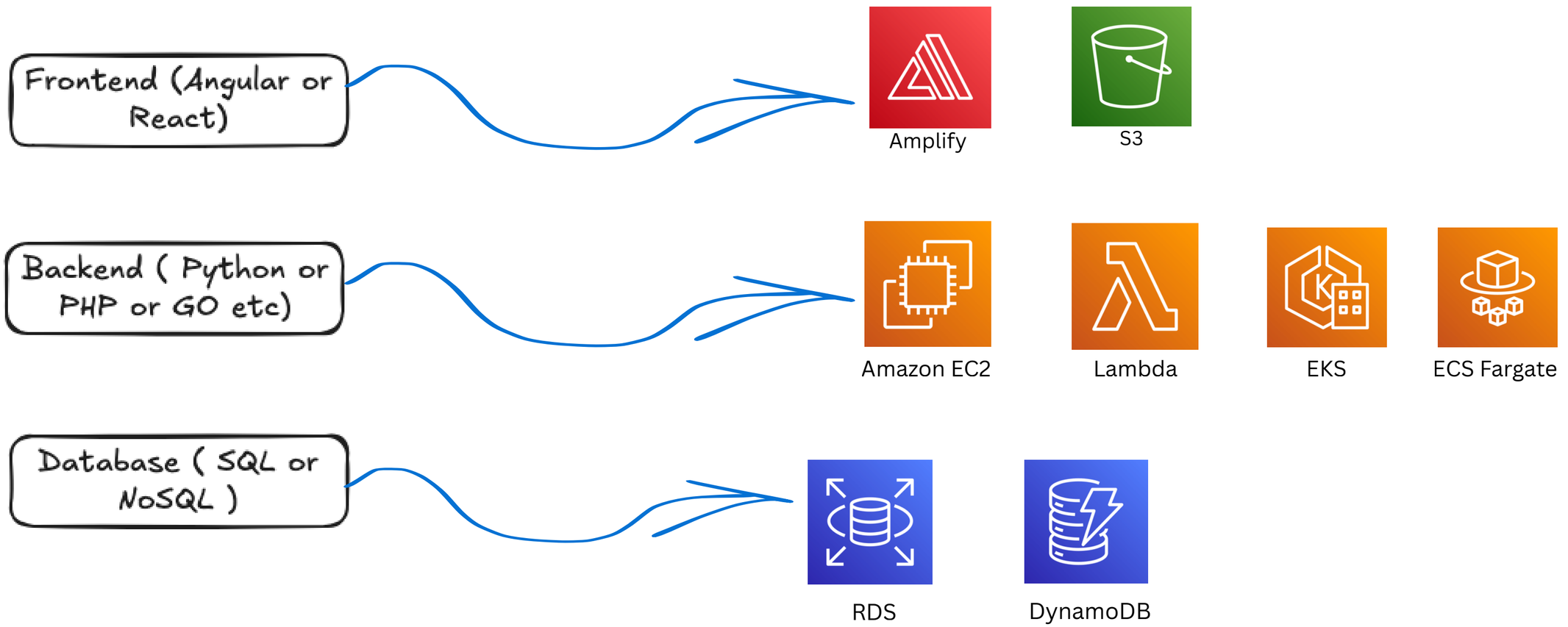




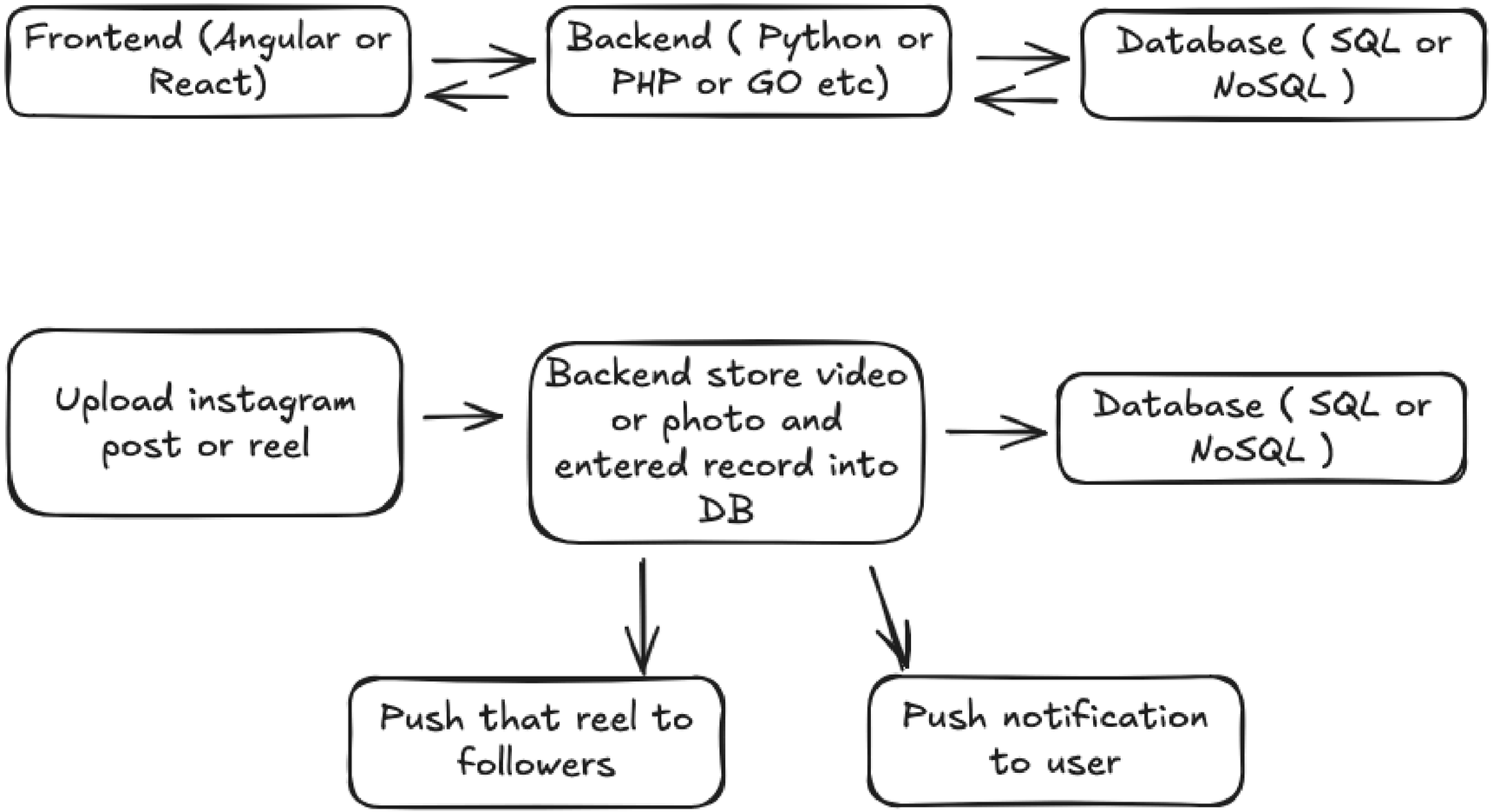
RDS - MYSQL/PostgreSQL

DynamoDB

Stage 3: Frontend, Backend, Database



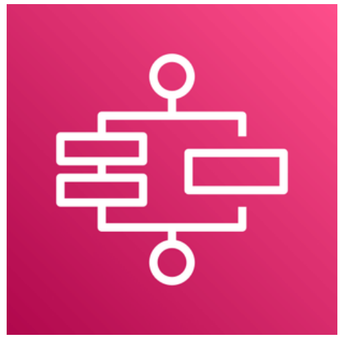
Stage 4: When Your App Starts Talking to Itself



How AWS Handles Events

Simple Queue Service

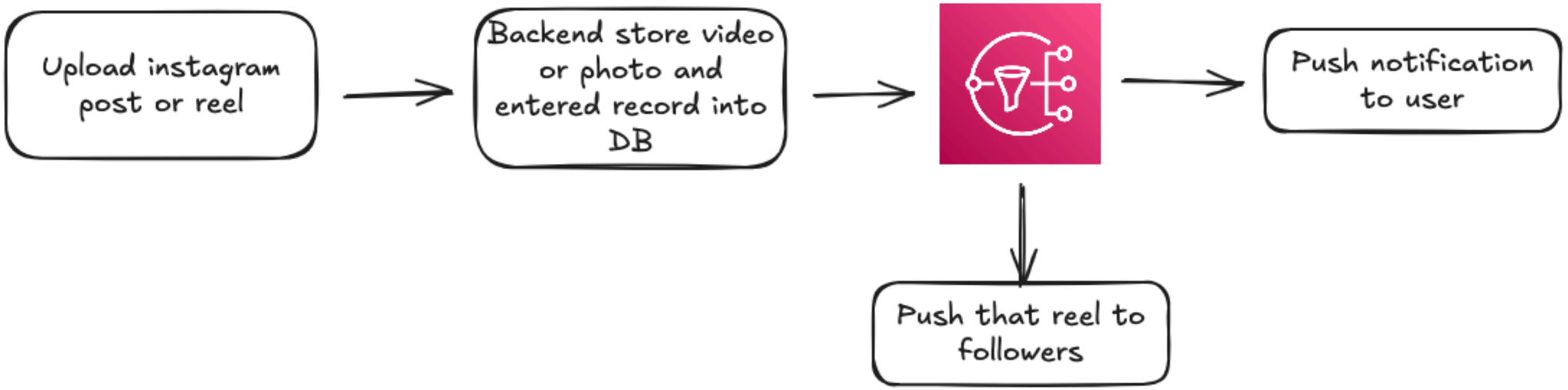
Simple Notifications Service



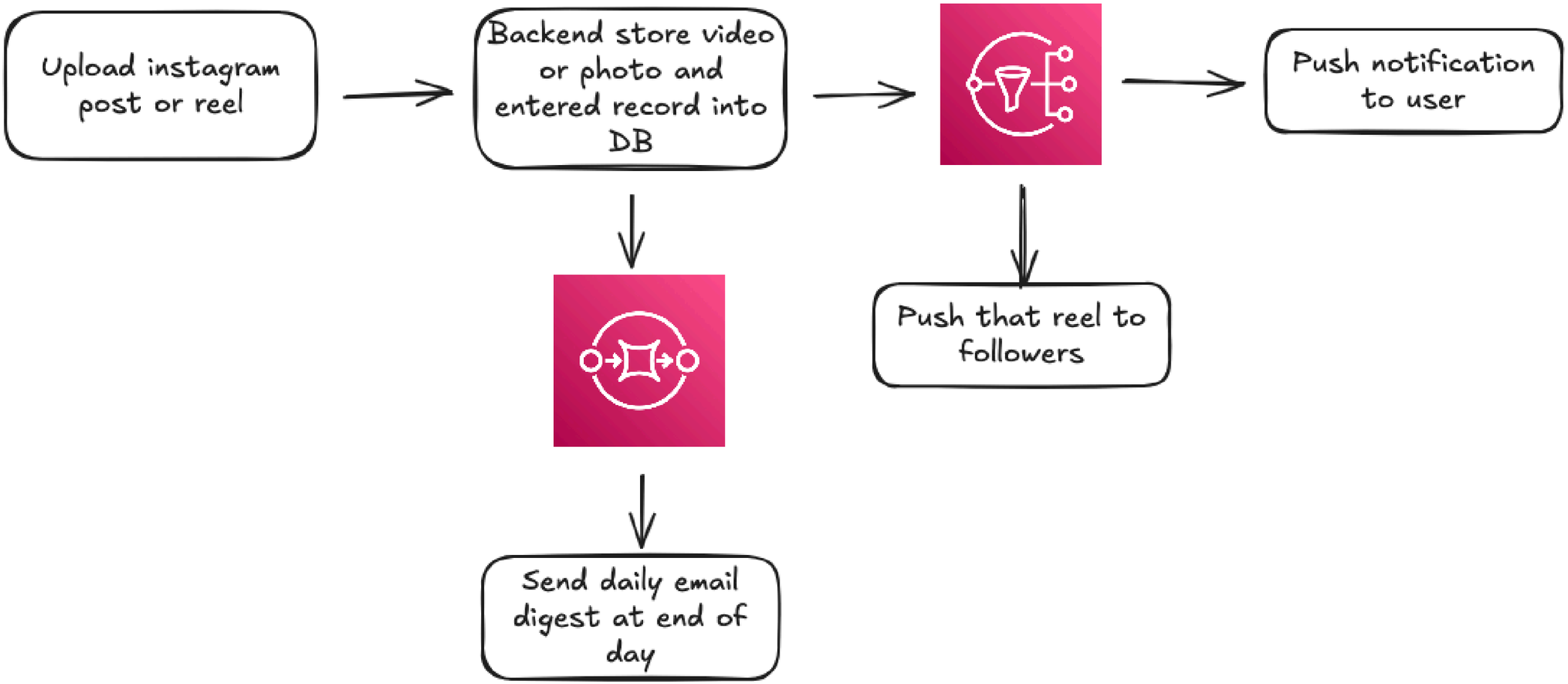
Steps functions

Many More...

How AWS Handles Events



How AWS Handles Events



Stage 5: When Your APP deployment need to automate

CodePipeline

Stage 6: When Your Infra need to maintain as code

CloudFormation

```
Ec2Instance:
  Type: AWS::EC2::Instance
  Properties:
    InstanceType:
      Ref: InstanceTypeParameter
    ImageId: ami-0ff8a91507f77f867
```

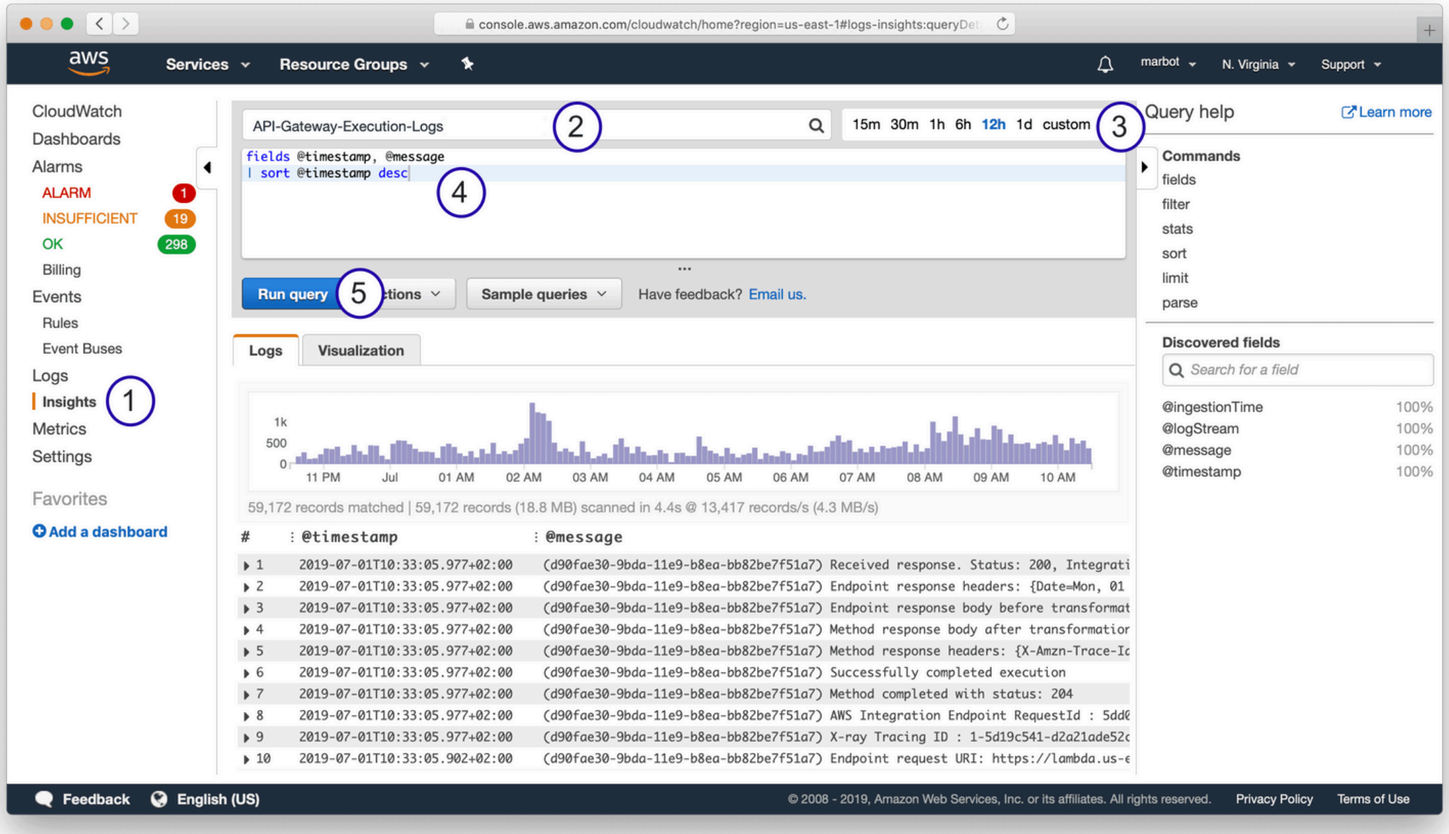
Infrastructure as Code

Stage 7: App need caching content

CloudWatch

Stage 6: App need logs to checkout

CloudWatch



Stage 8: App need Security

Identity Access Management

amazon web services

Don’t Learn Services. Learn Components.

Think in Components → Map to AWS Services.

"Don't fall into the trap of memorizing 200 AWS services. Identify what your app needs, then find which AWS service fits that role."

The Complete Builder's Roadmap

- EC2 for everything
- Add RDS
- Split frontend → S3/Amplify
- Backend → Lambda/Fargate
- CI/CD + CloudFormation
- Event-Driven → SNS / SQS / Step Functions

Don’t Learn  – Build with 

Thank you!

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