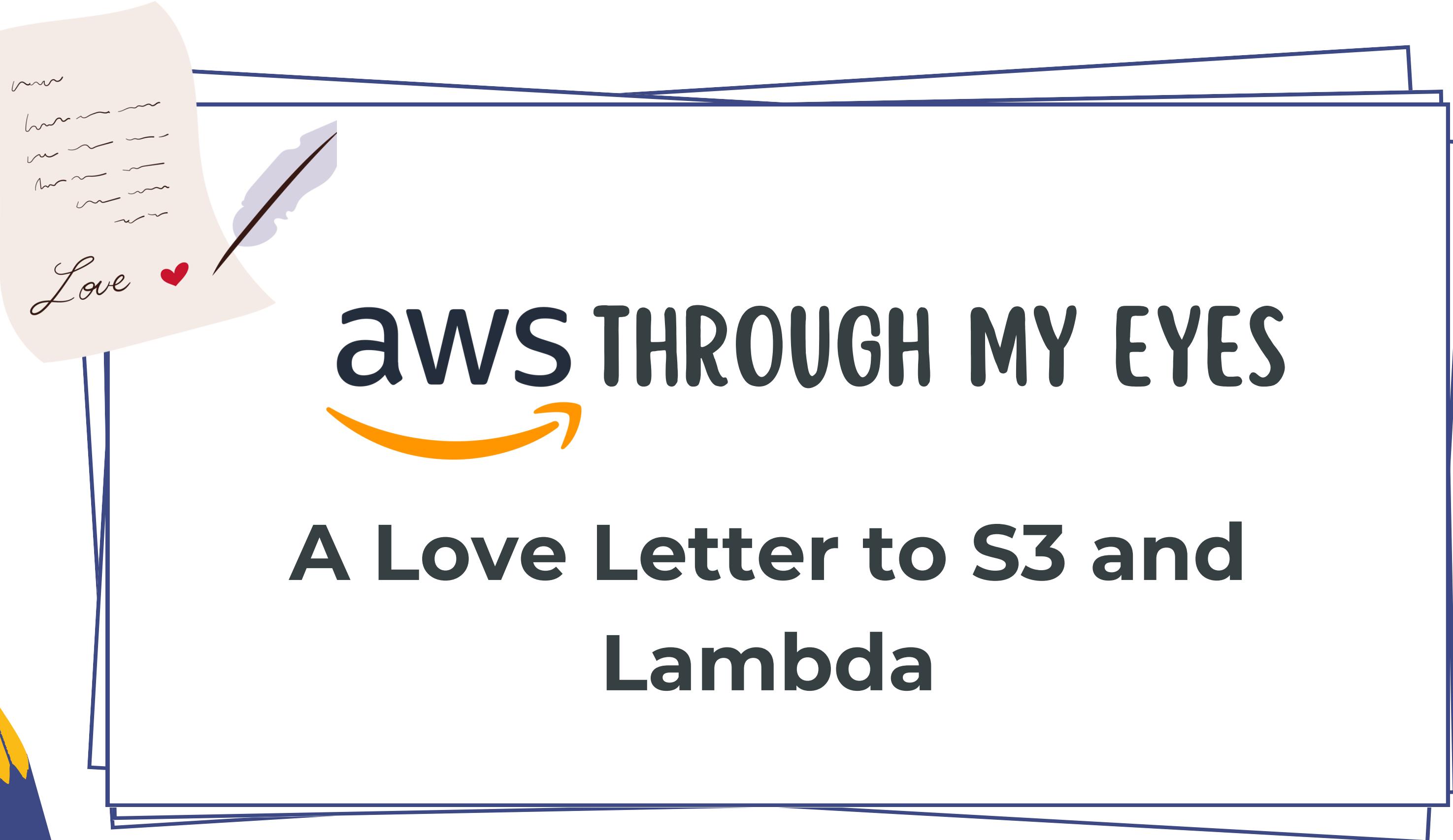
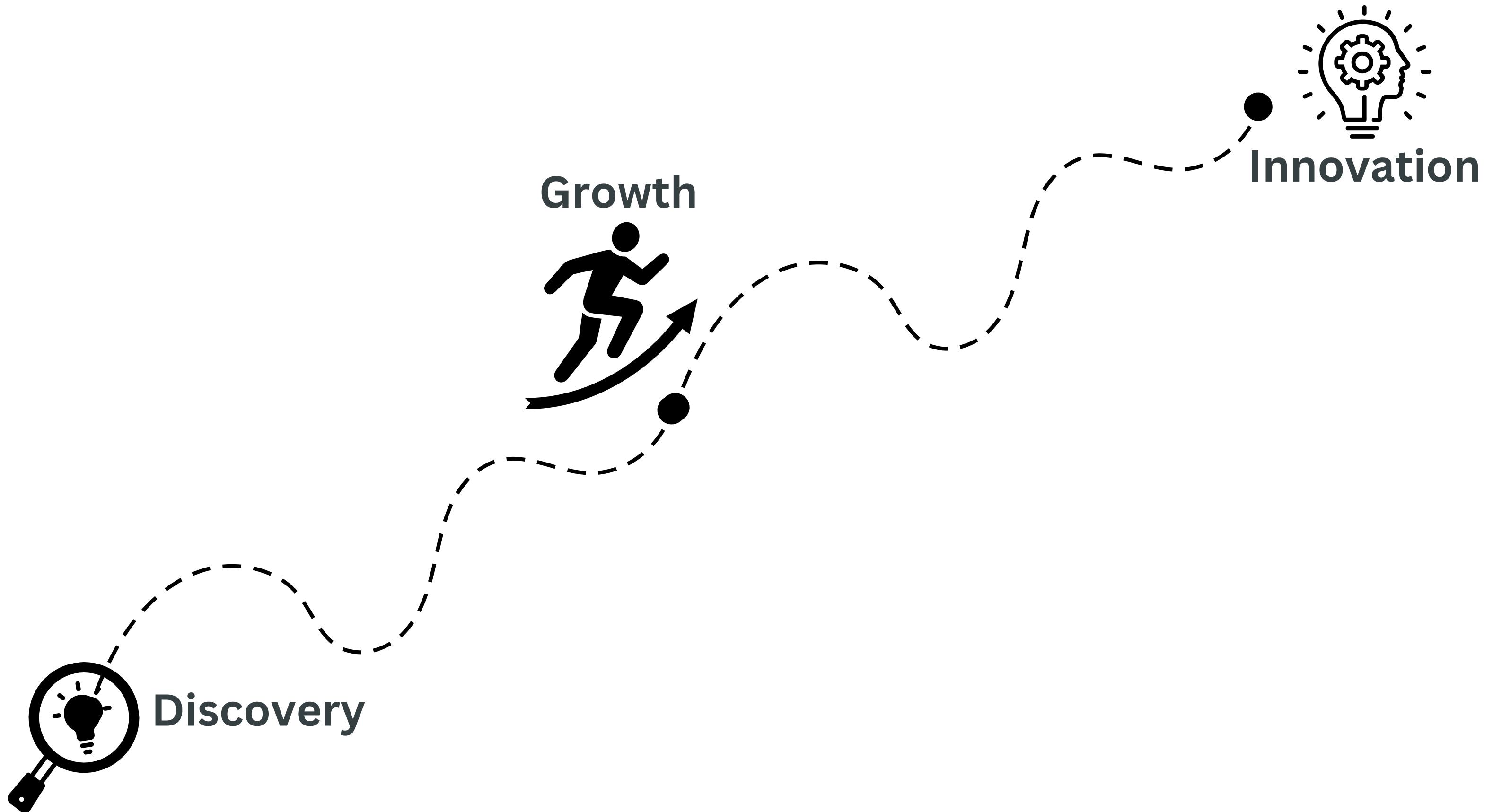


aws THROUGH MY EYES



A Love Letter to S3 and Lambda





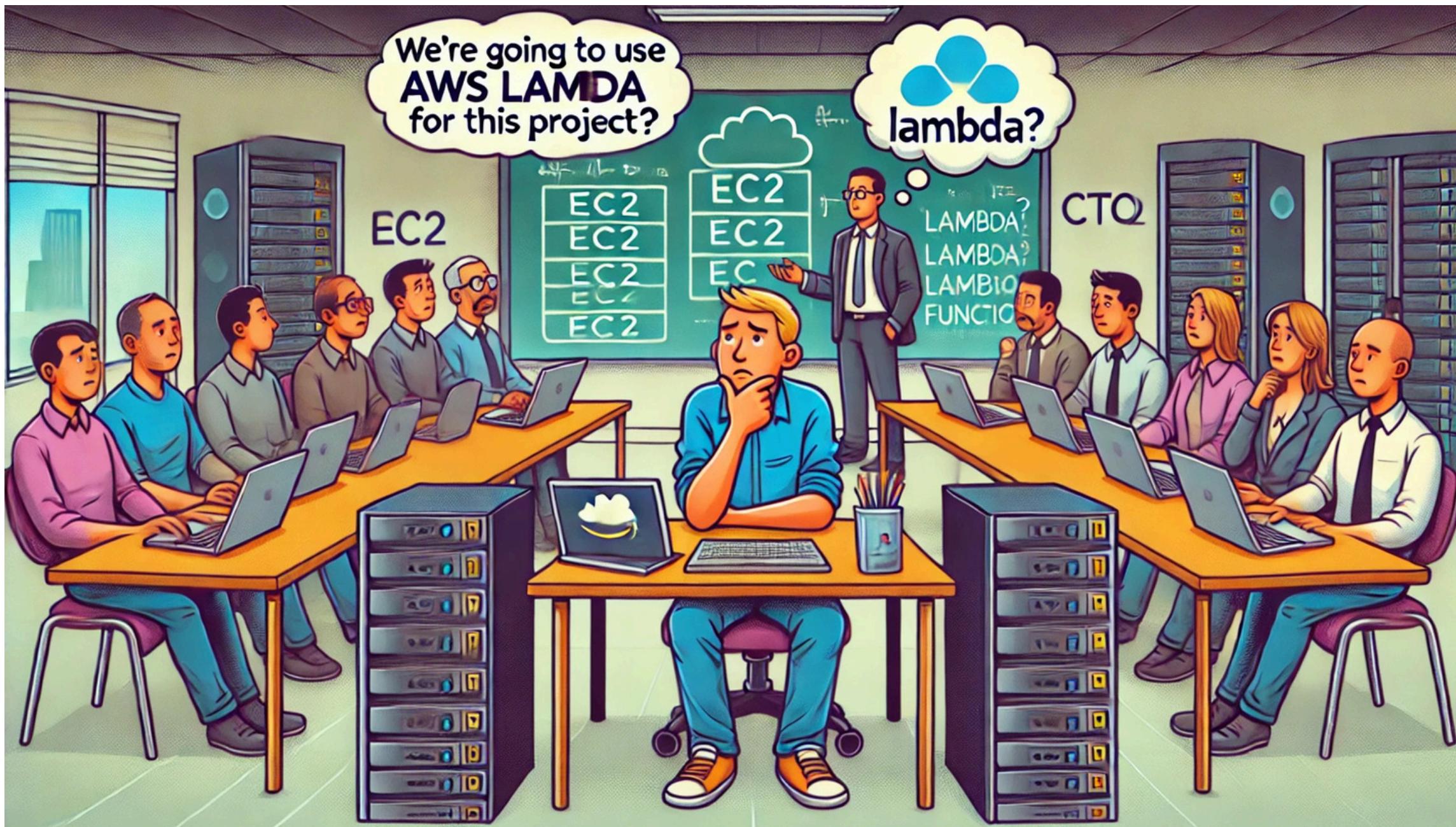
From Confusion to Clarity



Bangalore, 2016. A young developer arrives in the bustling tech hub, dreams as vast as the cloud itself.
That developer?



**I was a developer used to running everything on servers
—the traditional EC2 way.**



We're going to use AWS Lambda for this project



Lambda? Isn't that some mathematical function? What does it have to do with servers?



imgflip.com

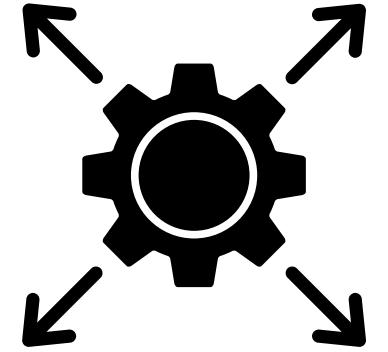
EC2 ?

Lambda

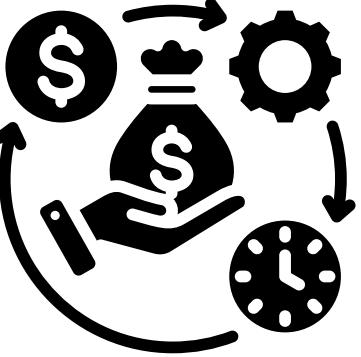
And that's how my love story with AWS began.

Why Lambda Became My Go-To Service

The Start of a New Era in Development



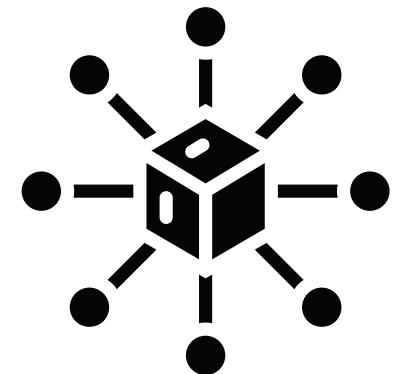
Scalability



Cost-Efficiency



Flexibility



Microservices



Empowerment

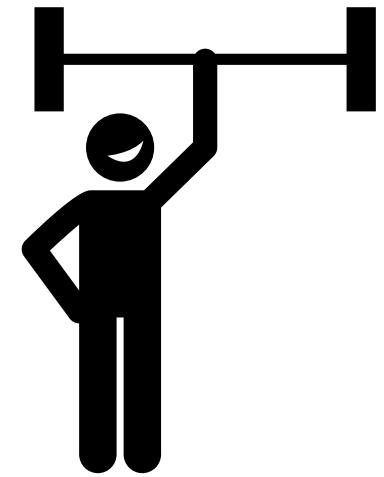
S3: The Perfect Companion

The Storage Solution That Changed Everything

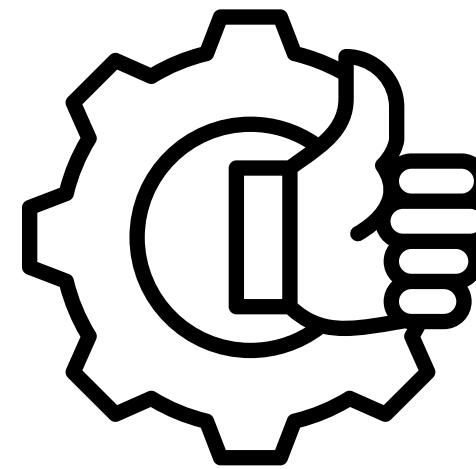
First encountered while working on fintech projects.



Storing large volumes of documents



With ease



Reliability

Hosting Angular static websites on S3 with minimal cost

The screenshot shows a blog post on a website. At the top right, there is a header with a search icon, a moon icon, a 'Follow' button, and a profile picture for 'INTERNET KATTA'. The main title of the post is 'Host Angular app on AWS S3 using CloudFront'. To the left of the title is the AWS logo and a red icon of a hexagon with an 'A' and a smaller one below it labeled 'S3'. Below the title is a yellow footer bar with the text '@InternetKatta | Avinash Dalvi'. The main content area has a heading 'Host Angular 2 or 4 or 5 version on AWS S3 using CloudFront'. Below this is a author bio section with a small profile picture of Avinash Dalvi, the date 'Sep 13, 2018', and a '3 min read' time indicator. There are also social sharing icons for LinkedIn, Facebook, and Twitter.

Host Angular 2 or 4 or 5 version on AWS S3 using CloudFront

Avinash Dalvi · Sep 13, 2018 · 3 min read

Here we are going to see how to host Angular 2 or greater version on AWS S3 using CloudFront.

Let's first understand what is AWS S3, CloudFront, ACM and Route53.

Converting WordPress

to static pages and

hosting on S3.



Hosting



S3

CloudFront

Host WordPress site on AWS S3 bucket



Avinash Dalvi · Jun 17, 2016 · 1 min read

Are you using WordPress blog or site ? Would like to host on S3 and serve content faster ?

Follow these steps to host WordPress site on AWS S3 :

1. Create one subdomain or test domain for only publishing or creating post/pages from wp-admin
2. Host all WordPress setup on that domain

My AWS Community Journey

From Learner to Contributor: Sharing the Knowledge

Writing since the beginning of my career(2010), but truly took off with AWS contributions.

The screenshot shows the homepage of the Internet Katta website. At the top right, there is a navigation bar with icons for search, notifications, and user profile. Below it, a blue button says "Follow". The main menu includes "Home", "Badges", and "Newsletter".

Three blog posts are displayed:

- How to Test ElastAlert Locally Using LocalStack: A Step-by-Step Guide**
Pinned. Author: Avinash Dalvi. Read time: 5 min. Views: 46. Preview image: A person working on a computer screen with the LocalStack logo.
- Serverless: An Evolving Architecture, Not Just a Runtime**
Author: Avinash Dalvi. Read time: 8 min. Views: 192. Preview image: A server room with the word "SERVERLESS" in large orange letters.
- Beyond the Ride: Unveiling the Secrets of Namma Yatri's Success**
Author: Avinash Dalvi. Read time: 5 min. Views: 46. Preview image: A green auto-rickshaw with the "namma yatri" logo.

A popular Stack Overflow answer

Receive AccessDenied when trying to access a reload or refresh tab in angular 5

Asked 6 years, 5 months ago Modified 8 months ago Viewed 22k times Part of AWS Collective

44 For a while, I was simply storing the contents of my website in a s3 bucket and could access all pages via the full url just fine. I wanted to make my website more secure by adding an SSL so I created a CloudFront Distribution to point to my s3 bucket.

The site will load just fine, but if the user tries to refresh the page or if they try to access a page using the full url (i.e., www.example.com/home), they will receive an AccessDenied page.

aws amazon-s3 angular5 amazon-cloudfront

Share Edit Close Delete Flag

asked May 11, 2018 at 19:42 Avinash Dalvi 9,211 • 9 • 31 • 56

S3 doesn't understand route open when you reload and open in new tab. You need to tell S3 is for this route used index.html.Whenever new route open its gives 403 [access denied] error. for this you need to do setting CloudFront to set 403 error page redirect to index.html

104 Custom Error Response

Custom Error Response Settings

HTTP Error Code	403: Forbidden
Error Caching Minimum TTL (seconds)	300
Customize Error Response	<input checked="" type="radio"/> Yes <input type="radio"/> No
Response Page Path	/index.html
HTTP Response Code	200: OK

You can configure CloudFront to respond to requests using a custom error page when your origin returns an HTTP 4xx or 5xx status code. For example, when your custom origin is unavailable and returning 5xx responses, CloudFront can return a static error page that is hosted on Amazon S3. You can also specify a minimum TTL to control how long CloudFront caches errors. For more information, see [Customizing Error Responses](#) in the Amazon CloudFront Developer Guide.

Create Custom Error Response Edit Delete Viewing 1 to 2 of 2 items

HTTP Error Code	Error Caching Minimum TTL	Response Page Path	HTTP Response Code
400	300	index.html	200
403	300	index.html	200

Go to aws cloud front and open your configuration then go to Error page tab you will see same as above screenshot

Here is details blog : <https://www.internetkatta.com/host-angular-2-or-4-or-5-version-in-aws-s3-using-cloudfront>

Share Edit Delete Flag edited Jan 12, 2022 at 6:03

answered May 12, 2018 at 2:10 Avinash Dalvi 9,211 • 9 • 31 • 56

Became an AWS Community Builder in 2021

Welcome AWS Community Builder!

AC ○ AWS Community Builders Team <awscommunitybuilders@amazon.com> Saturday, 15 May 2021 at 12:39
To: Avinash Dalvi ^

Hi there Avinash, you've made it. Congratulations! Only 26% of applicants were accepted this cycle.

You're exactly the kind of person we're looking for, and I'm thrilled to invite you to participate in our [AWS Community Builders](#) program for the next 12 months. We're looking forward to getting to know you, learning how we can help you grow your knowledge of [AWS](#) services, and seeing all the great things you'll create as part of this community.

Blog post on Secrets

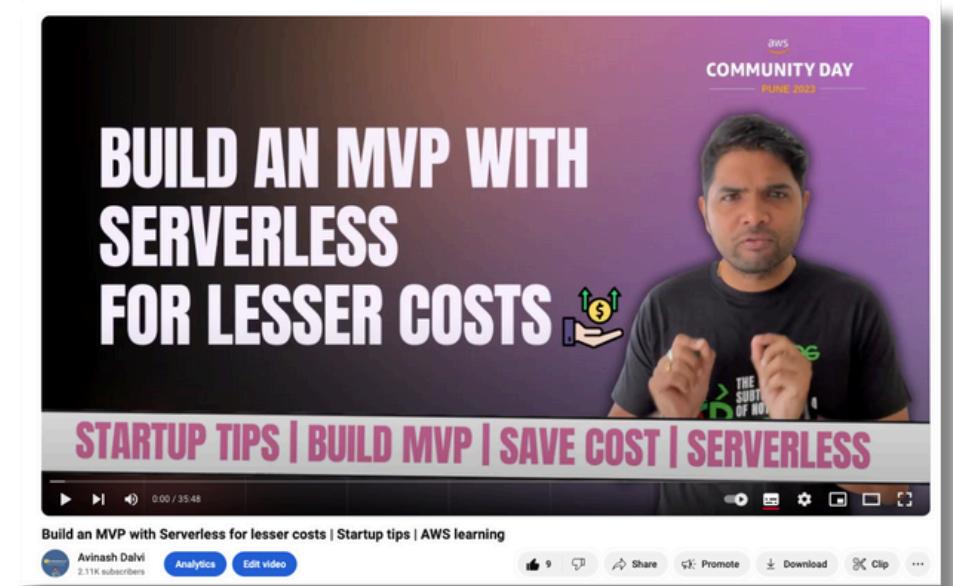
Manager with

Lambda, 65,000+

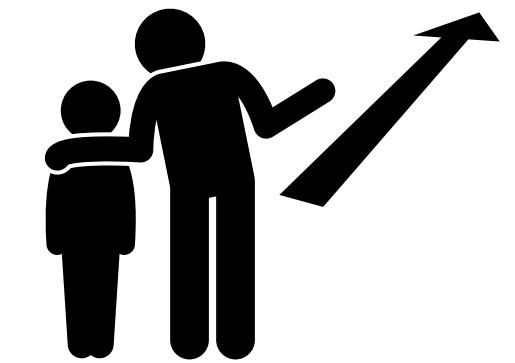
views across multiple
platforms.

The screenshot shows a blog post interface. At the top right is a header with a profile picture, a search icon, a moon icon, a 'Dashboard' button, and a user icon. The main title is 'How to use secrets manager in AWS Lambda(Node JS)'. Below the title are two large square icons: an orange one with a white Lambda symbol and a red one with a lock inside a circular security icon, connected by a double-headed yellow arrow. A blue footer bar at the bottom has the text '@InternetKatta | Avinash Dalvi'. The post summary below the title reads: 'How to use secrets manager in AWS Lambda(Node JS)'. It includes a small profile picture of the author, Avinash Dalvi, and the date 'Sep 25, 2021'. Below the summary is a video thumbnail showing a person speaking. The video title is 'How to use secrets manager in AWS Lambda(Node JS)'. The video description states: 'I am going to explain how to use the AWS Secrets manager in AWS Lambda under Node JS container. This blog can be helpful for general Javascript projects also.'

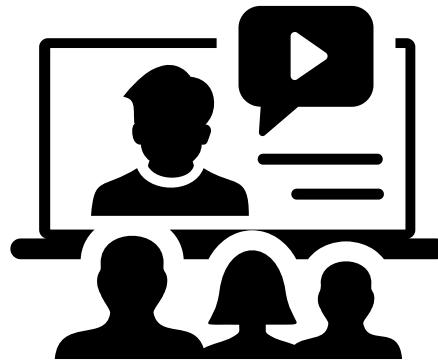
ACD Pune 2023 - Building MVPs with AWS serverless solutions."



Empowering the community:



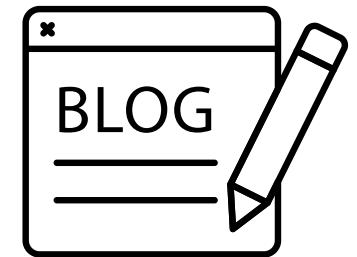
Mentoring



Webinars/ Talk



collaborative



Blog



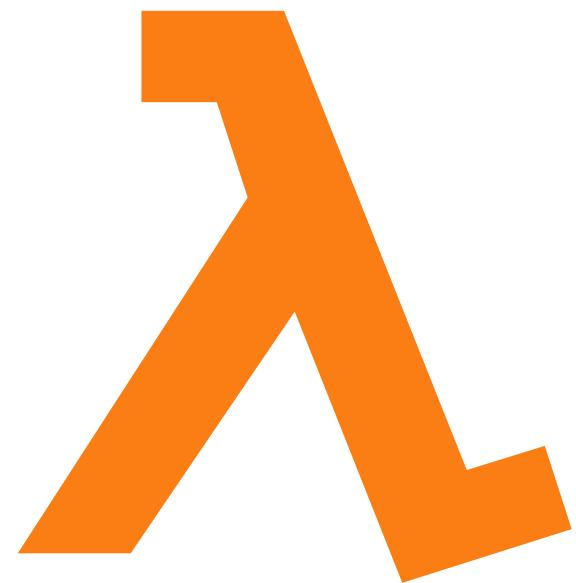
StackOverflow

Why I Choose AWS: The Innovation Edge

AWS doesn't just follow trends; it creates them.



EC2



Lambda



S3 Bucket

Developer-Centric

Extensive Ecosystem

CloudFront
EventBridge
SNS S3, VPC
EC2
RDS Lambda
SQS Fargate
Route53
StepFunctions

Many others...



Strong community engagement

Resources rich

Learning opportunities

The Future is Bright: What's Next with AWS

- Exciting Innovations: pushing boundaries of what's possible.
- Serverless Advancements
- Building Robust Architectures
- Focusing on Edge Computing
- Continuing Community Engagement

Wrapping Up: A Journey with AWS

From Curiosity to Community—The Story Continues

- AWS has been more than just a platform; it's been a partner in my growth."
- From Lambda and S3 to community contributions and continuous innovation, the journey has been incredible."
- The future is bright with AWS, and I'm excited to keep building, learning, and sharing."

From Curiosity to Community— The Story Continues

Questions?

Thank you

Connect with me

 avinashdalvi.com

 [@AvinashDalvi](https://twitter.com/@AvinashDalvi)

