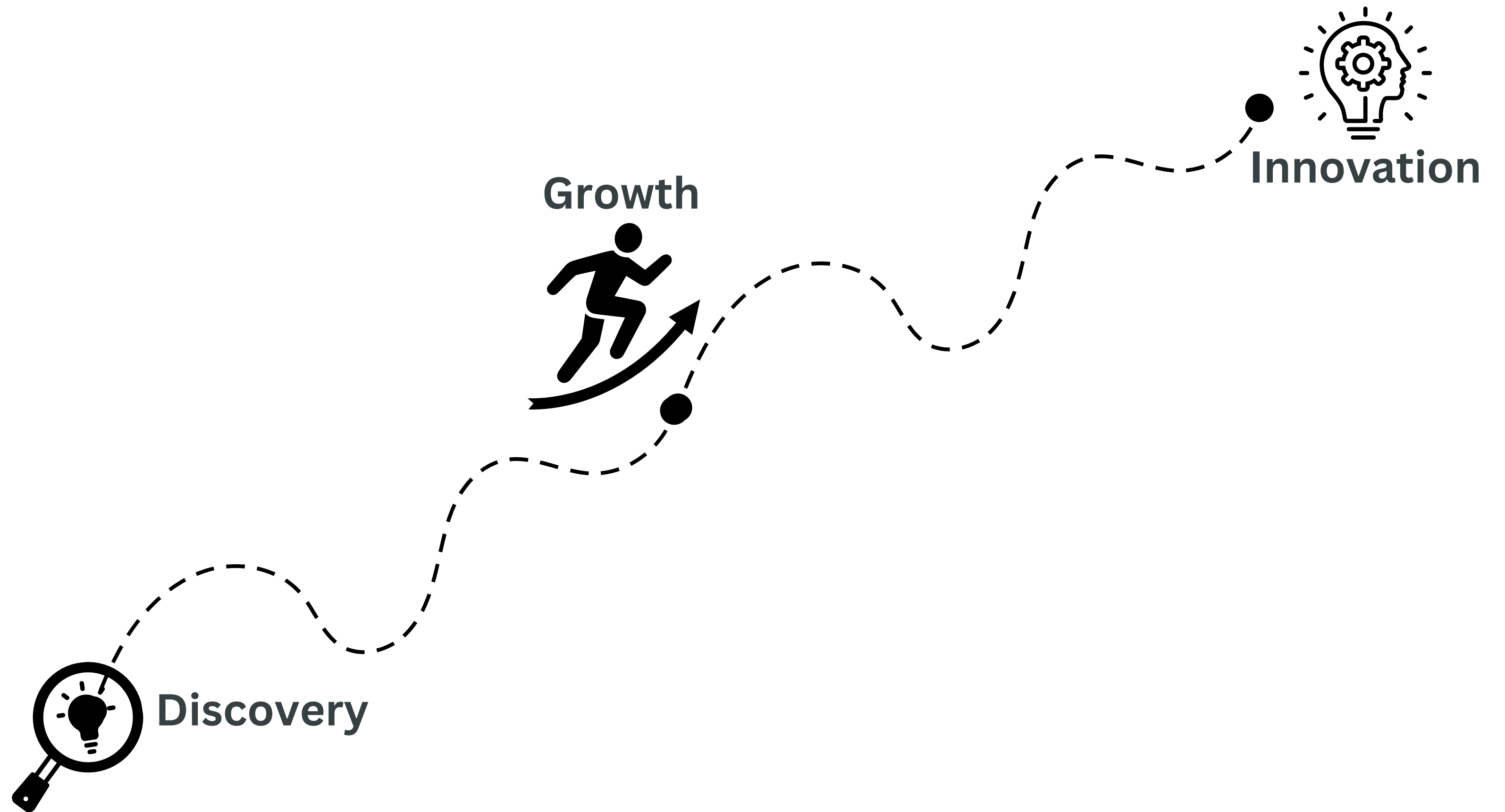




# aws THROUGH MY EYES



## A Love Letter to S3 and Lambda



# From Confusion to Clarity



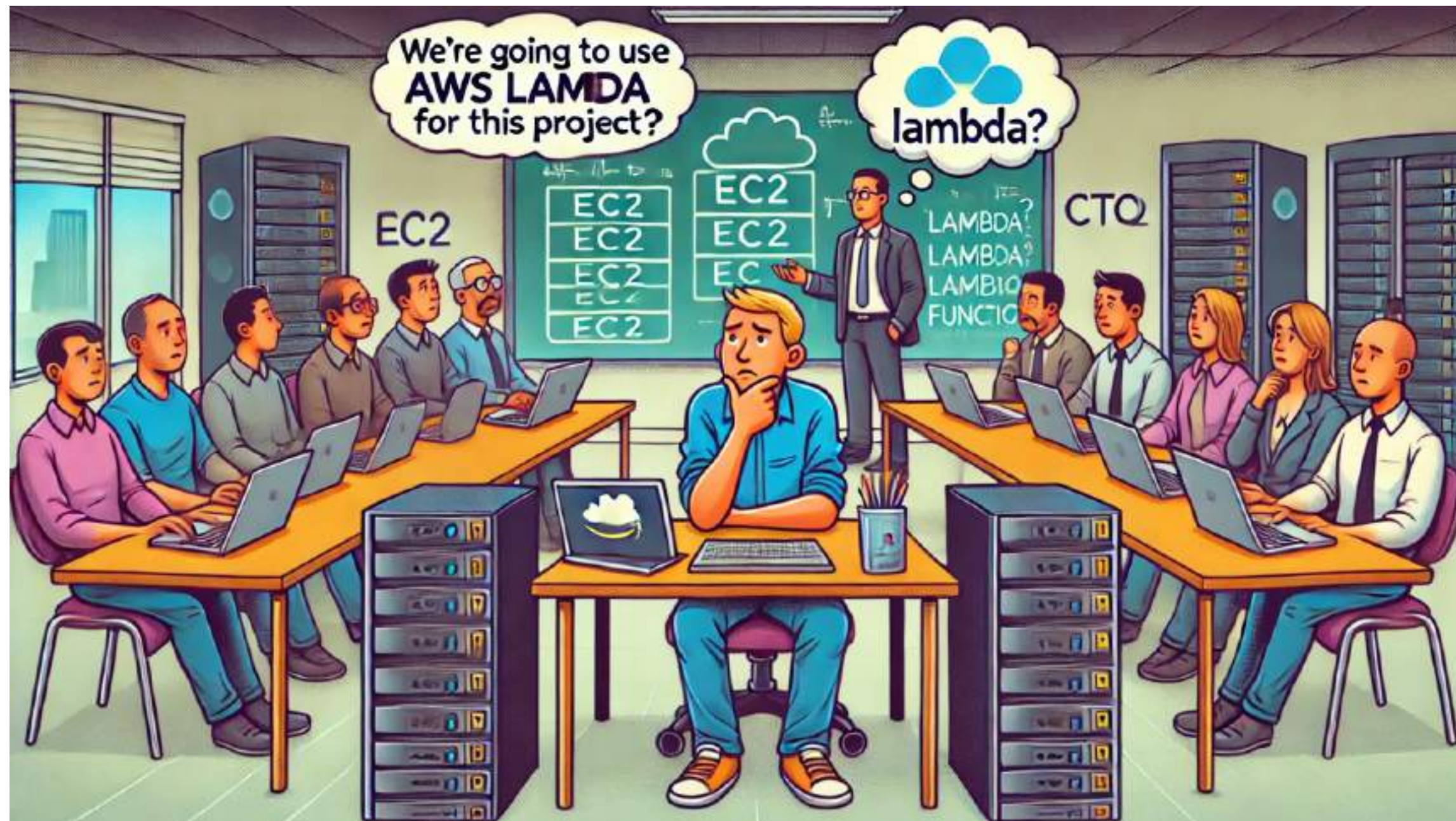
**Bangalore, 2016. A young developer arrives in the bustling tech hub, dreams as vast as the cloud itself. That developer?**





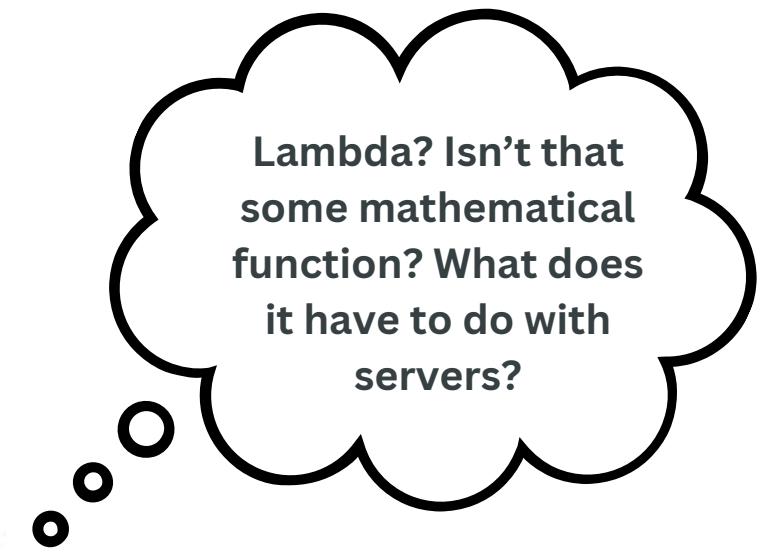
**I was a developer used to running everything on servers  
—the traditional EC2 way.**





**We're going to use AWS Lambda for this project**







EC2 ?



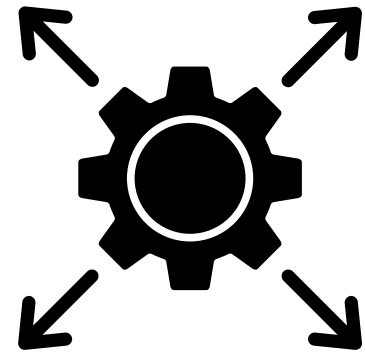
Lambda

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

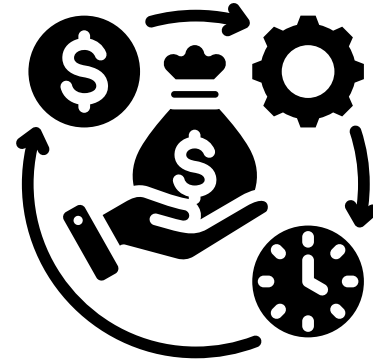


# Why Lambda Became My Go-To Service

The Start of a New Era in Development



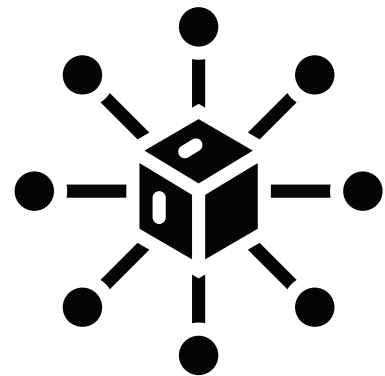
**Scalability**



**Cost-Efficiency**



**Flexibility**



**Microservices**



**Empowerment**

# S3: The Perfect Companion

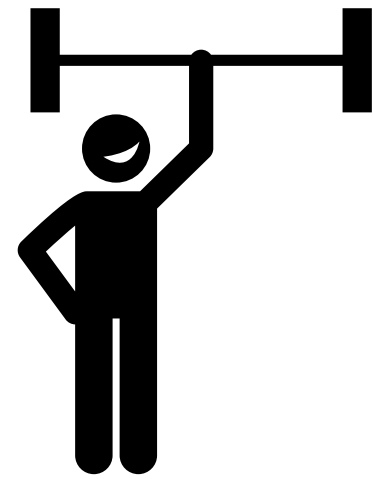
The Storage Solution That Changed Everything



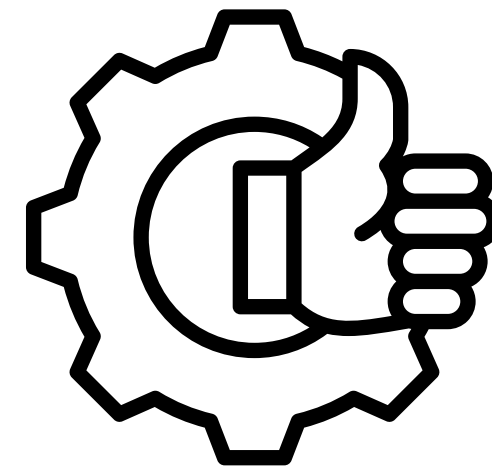
# First encountered while working on fintech projects.



# Storing large volumes of documents

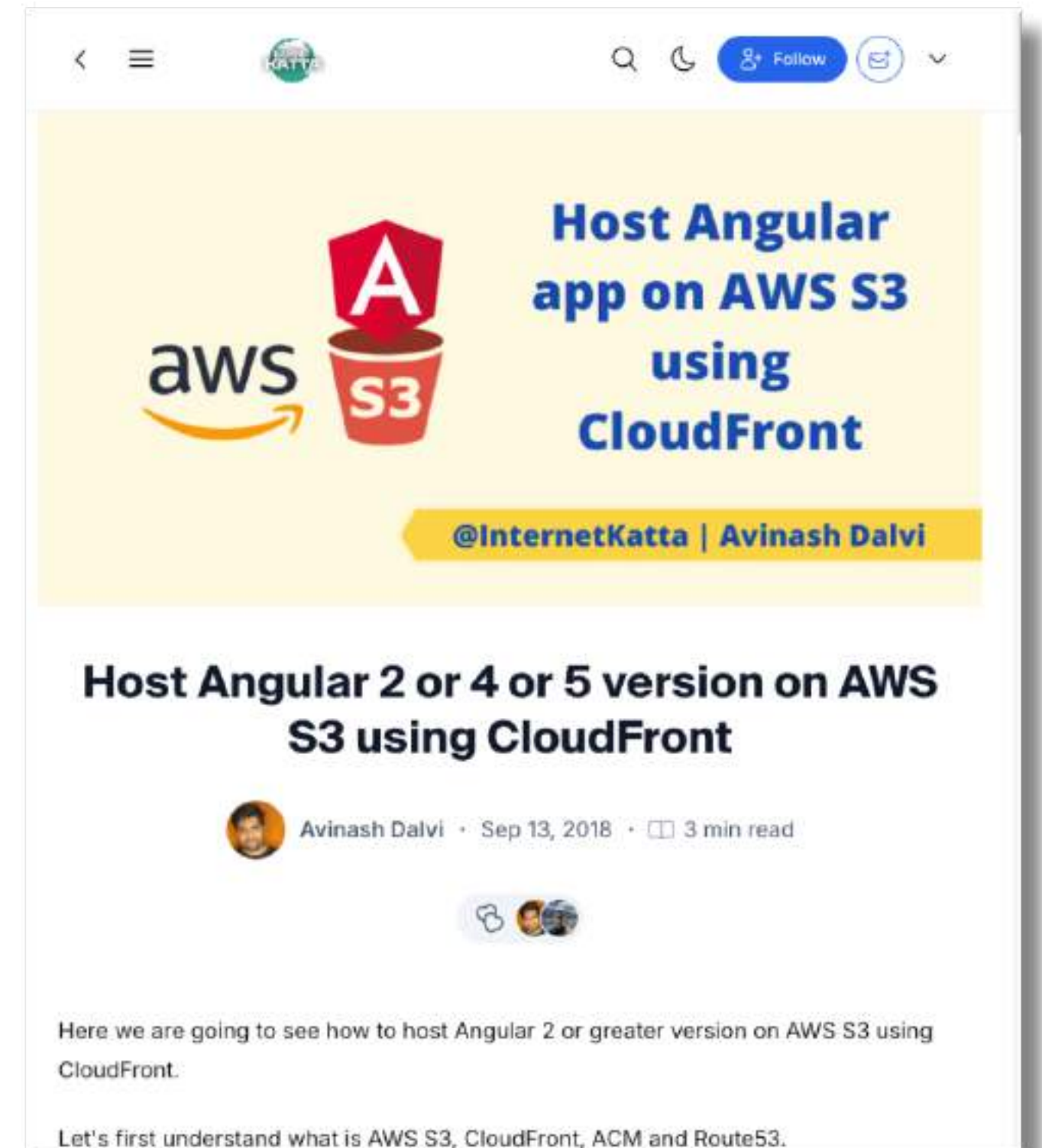


**With ease**



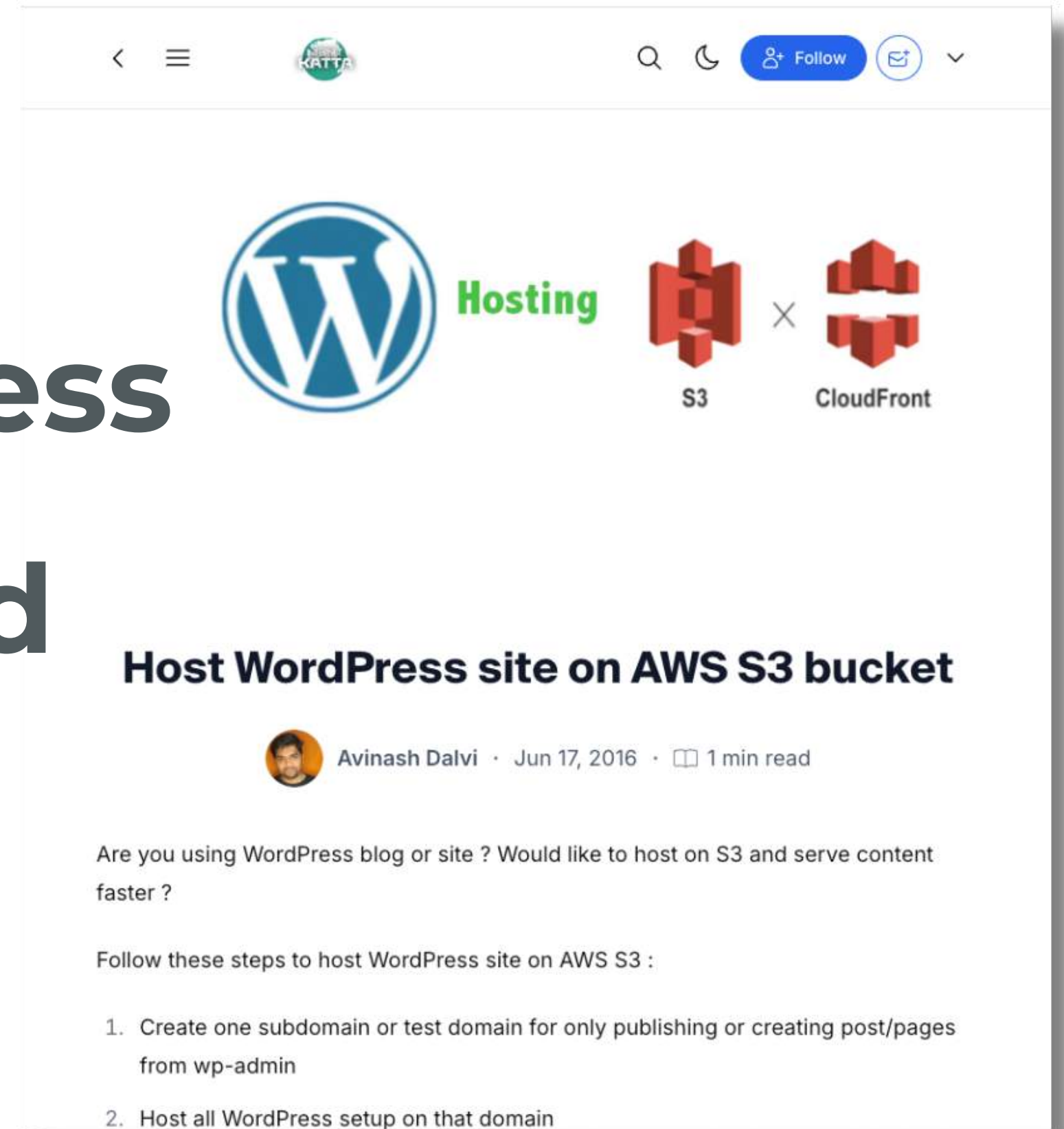
**Reliability**

# Hosting Angular static websites on S3 with minimal cost





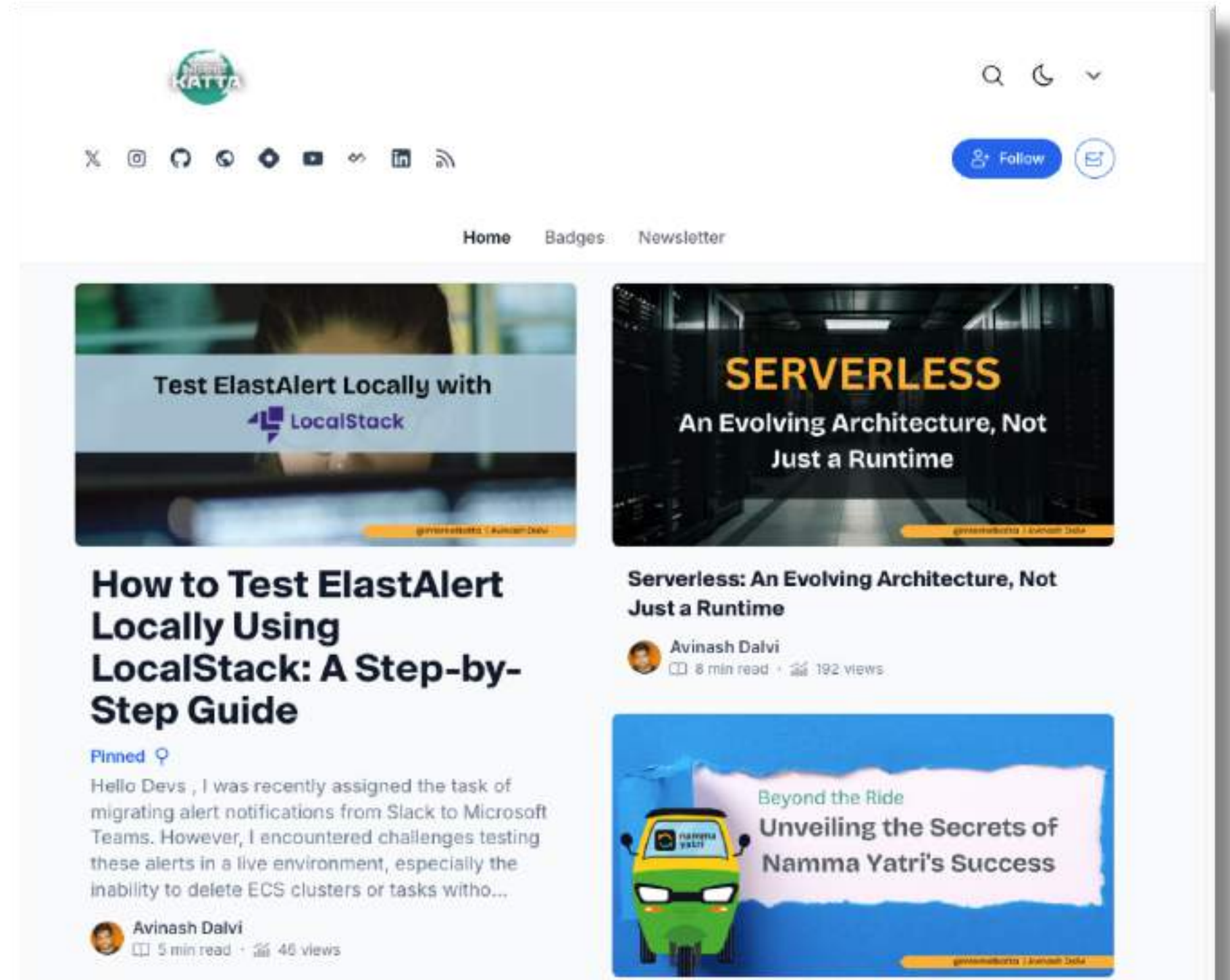
# Converting WordPress to static pages and hosting on S3.



# 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.







# 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.

 **amazon-s3** **angular5** **amazon-cloudfront**

Share Edit Close Delete Flag

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

 **104** 

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

**util Custom Error Response**

Custom Error Response Settings

HTTP Error Code: 403: Forbidden ⓘ

Error Caching Minimum TTL (seconds): 300 ⓘ

Customize Error Response: ☒ Yes ⓘ  
☐ 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](#)


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

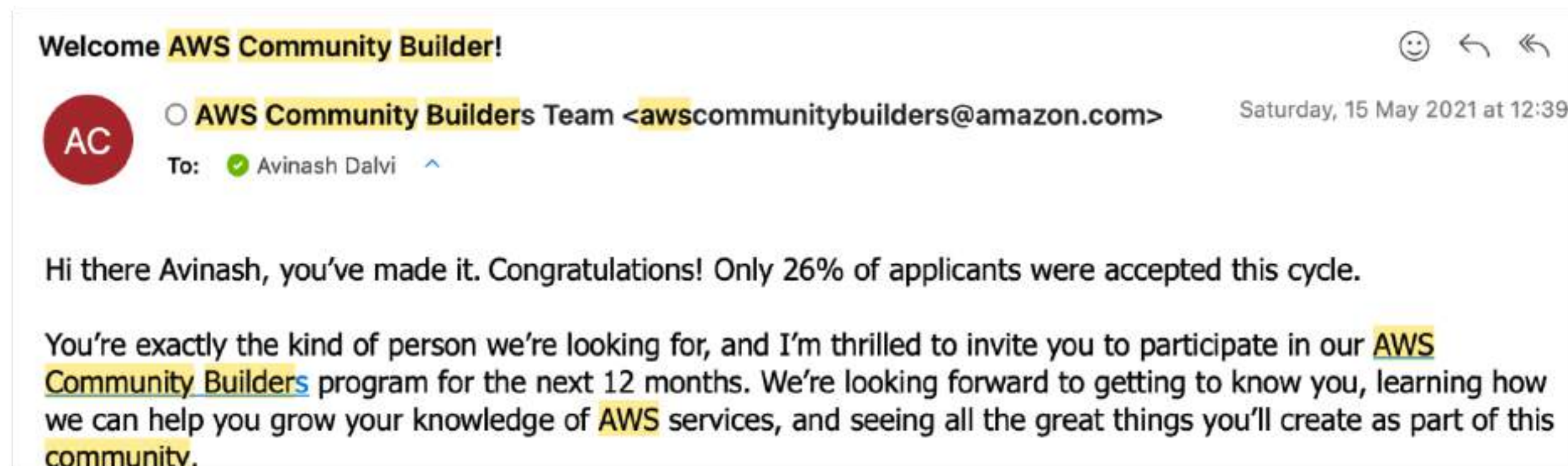
Here is details blog : <https://www.internetkatta.com/host-angular-2-or-4-or-5-version-in-aws-s3-using-cloudfront>

Share Edit Delete Flag

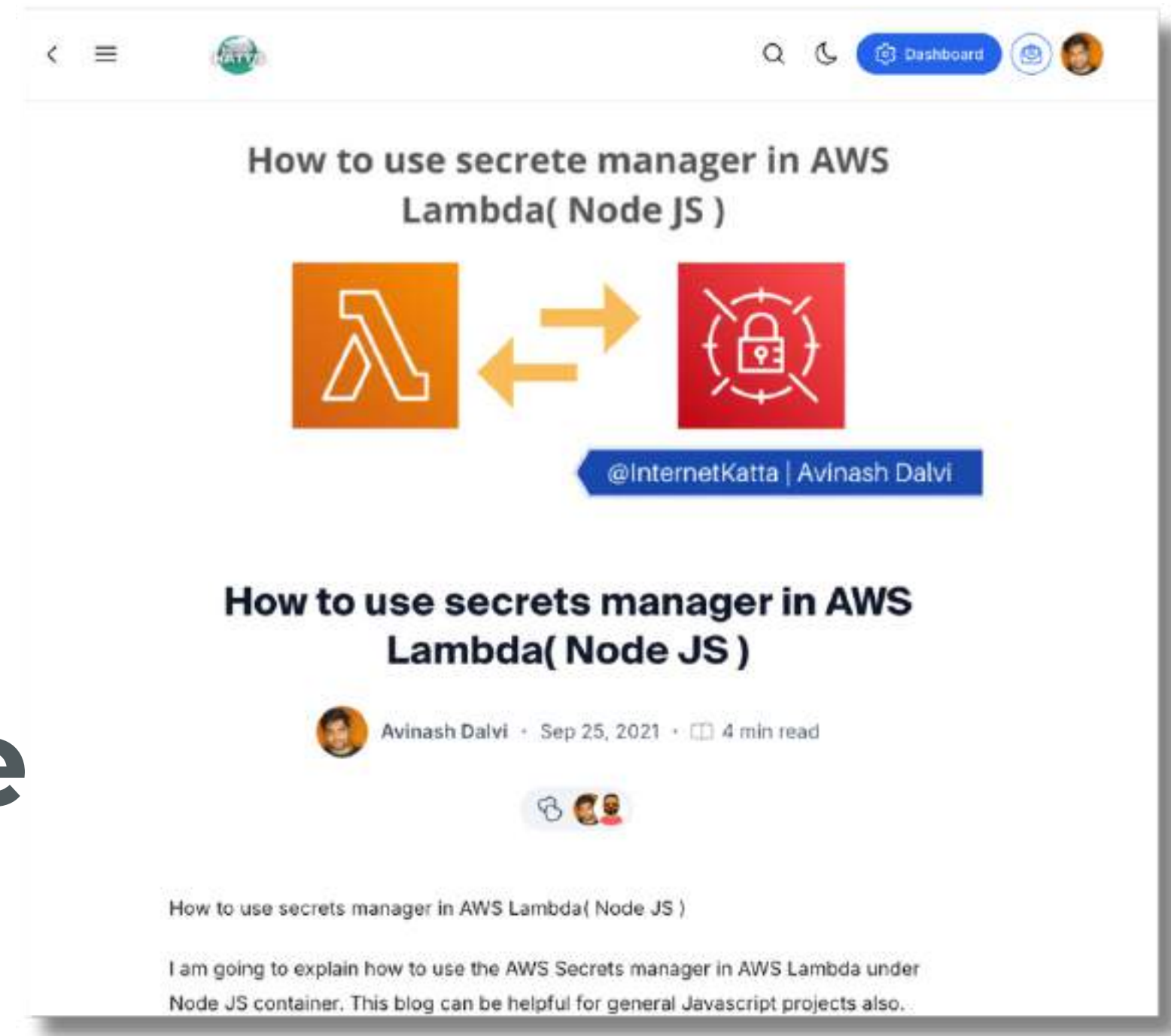
edited Jan 12, 2022 at 6:03

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

# Became an AWS Community Builder in 2021



**Blog post on Secrets  
Manager with  
Lambda, 65,000+  
views across multiple  
platforms.**

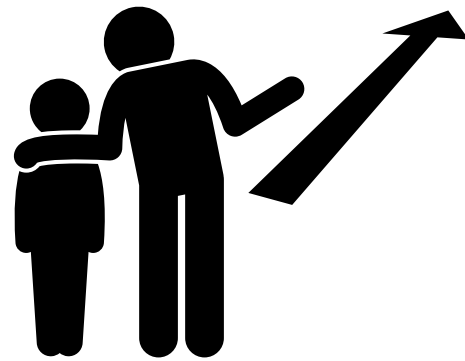




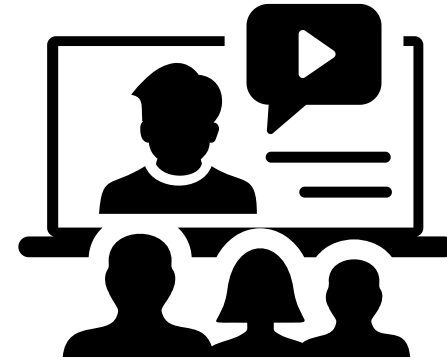
# ACD Pune 2023 - Building MVPs with AWS serverless solutions."



# Empowering the community:



**Mentoring**



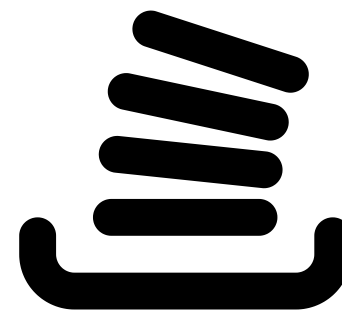
**Webinars/ Talk**



**collaborative**



**Blog**



**StackOverflow**

**Many others way...**

# 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](https://avinashdalvi.com)

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

