

CASE STUDY – ANJEL

PROBLEM STATEMENT

The Client's vision was to develop a platform which can be a base for the existing problems. It can be technical solution that would change the way things go by with these cases. Client aimed in creating a simple solution that would use of technology and bridge the gap between the moments and Loved ones.

SOLUTION HIGHLIGHTS

We proposed a solution based on AWS IVS where it can be used for Live streaming and then same stream can store the video on AWS Cloud to view it in future. We created a Mobile application for Android/IOS, Webapp around it. We also have created a setup where this stream can be stored in S3 bucket and is available for viewing later on.

- AWS IVS with AWS S3 is used for the Live streaming module.
- We hosted application on ECS clusters which were deployed with Fargate.
- RDS was used as database keeping in mind the peak loads of the system. We separated develop, Q/A and Production environments.
- CodeCommit Repository for the environments and different Code Pipelines deploying code on AWS ECR.
- Route 53 for Domain registration and SSL certificate.
- Elastic Load Balance was set in front of ECS clusters to manage user loads.

About ANJEL



Industry:

ANJEL was created because too many African-American mothers (in particular) are losing their sons and daughters to senseless (and preventable) violence; because accountability for these incidents is historically low and often nonexistent; because most injury and loss of young Black Lives occurs close to home; because people want, need and deserve to know what is happening to their loved ones and where it's happening (in real-time); the technology exists to solve this problem, and where it doesn't, we will create it; because we are a team of People of Color who live this experience every day and do not ourselves want to become another statistic; because you can't have Liberty and the Pursuit of Happiness, if you don't have and/or cannot maintain your Life; because Black Lives Matter; and because we can.

WHY AWS

Choosing AWS for implementing solution was because AWS offers Service like IVS which could address the basic requirement of the application. Hosting facilities like AWS ECS and auto scaling would help meet the basic application requirements. Working around best practices would resolve the issue of Cost.

- AWS IVS help meet the demand of Live streaming with facilities of HLS playback.
- AWS CodeCommit, AWS ECS, AWS ECR, AWS RDS help meet the basic application requirements.

WHY customer selected ScaleCapacity, Inc.

ANJEL chose ScaleCapacity, Inc seeing company take initiatives in building something that could change the way issues are addresses currently. We could be that extended version and tech arm for the cause. Company’s experienced engineers who are Developer associate and professional certified gives them edge in developing something like this. Engineers expertise in implementing developer tools and having experience with AWS ECS and Containerized application are perfect fit. Company’s competency in building solution following best practices would help them achieve their goals and reduce Cost of Ownership.

PROBLEMS ADDRESSED

In Customers words “We did! We created a Personal Security System, just for cause. We can think of it as your own personal body camera. It’s secure. It’s mobile. It’s powerful. It’s designed and created for YOU.”

- It would help you live stream in situations where you want your loved ones see you.
- It would reduce chances of misconduct as it would be powerful medium.
- It would revolutionize the way proceedings occur and would be critical proof in some cases.

About Partner



ScaleCapacity, Inc. is AWS Advanced Consulting Partner and experienced in providing AWS consulting services related to various client needs, which includes (but not limited to) setting up AWS environments, migrating to AWS, provide well-architected AWS solutions. ScaleCapacity, Inc. has well defined processes to carry out client’s strategy for delivering solutions on AWS cloud.

ANJEL

