

## WHY CHOOSE AWS FOR SERVERLESS APPLICATION BUILDING?

Because it speeds up the creation process, without having to worry about maintaining and managing the infrastructure, therefore allowing you to only focus on building the application.



AWS provides technologies that scale automatically, adapting to needs faster than ever, with a pay-by-use model, where resource utilization is optimized, and over-provisioning is a thing of the past.



**\*stelo.ai**

[www.stelo.ai](http://www.stelo.ai)

Stelo is an Artificial Intelligence company which provides key data extraction and document verification services aimed at fighting fraud, that needed a solution to create a REST API built entirely with AWS services. The architecture had to have high availability, scalability, elasticity and low costs. In addition, the solution had to be easy to build and manage, without the need to maintain the infrastructure.

The proposed solution consists of a serverless architecture that provides all the requirements described above, adding simplicity and automation in carrying

out code deployments.

Amazon Lambda services were used to build the API services, Amazon API Gateway as the gateway to the services, Amazon Cognito for API user registration and authentication, and AWS CodePipeline to automate code deployment.

Thanks to this architecture, Stelo was able to implement its solution quickly, dedicating itself exclusively to building the application, without the need to spend time maintaining its infrastructure.

### Benefits:



- Reduce costs

With a pay-by-use billing model, you never pay for over-provisioning and your resource utilization is optimized.

- On-demand scaling



With technologies that automatically scale from zero to peak demands, you can adapt to customer needs faster than ever.



- Reduce go-to-market time

By eliminating operating expenses, your teams can quickly release, get feedback, and iterate to get to market faster.

- Create better applications easily



Serverless applications make use of integrated services so you can focus on building your application rather than configuring it.

### Magic Beans offers:

Carry out a detailed analysis session by our technical department that allows you to understand the advantages and potential that the cloud offers in the creation of serverless applications.

To learn more about how Magic Beans and AWS can help you in your business contact [team@magicbeans.pt](mailto:team@magicbeans.pt)