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Supporting Cloud Biometric Infrastructure

The core identification and
authentication service for
an important Bank

Customer Challenge

Our customer needed to create a platform to support a biometric authentication feature used in their applications. Some applications had this functionality, but it required the use of external solutions. Changing the external service or including custom logic were complicated and costly, so the client decided to run a project to define and set up this infrastructure for use in several applications. They also decided to implement on cloud to be open to use from different sources.

Solution

The entire platform was deployed on AWS EKS using infrastructure as code. All container images were automated in AWS ECR using a CICD for deployment within the AWS EKS cluster. In addition to this, the AWS monitoring ecosystem was used, such as CloudWatch for all cluster metrics, alerts, dashboards, and thresholds. All information was encrypted using AWS KMS and secrets were managed through AWS Secrets Manager.

Results and Benefits

With this infrastructure, the client unified the biometric authentication feature for internal and external applications and integrated at least two different external products without impact. This is one of the first cloud projects the client has undertaken which opens the cloud alternative for other projects. Globant contributed cloud knowledge and experience, leading to a successful outcome for our client.

About Globant

We are a digitally native company that helps organizations reinvent themselves and unleash their potential. We are the place where innovation, design and engineering meet scale.

- We have more than 26,500 employees and we are present in more than 20 countries working for companies like Google, Electronic Arts and Santander, among others.
- We were named a Worldwide Leader in CX Improvement Services by IDC MarketScape report.
- We were also featured as a business case study at Harvard, MIT, and Stanford.
- We are a member of The Green Software Foundation (GSF) and the Cybersecurity Tech Accord.

For more information, visit www.globant.com

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