

Success Stories

DevOps and QA service for a new Banesco digital banking mobile and web app

Focused on personal accounts for young users

Rootstack carried out the tests and deployments of Banesco's new mobile and web app, to guarantee functionality and security in each part of the project

About Banesco

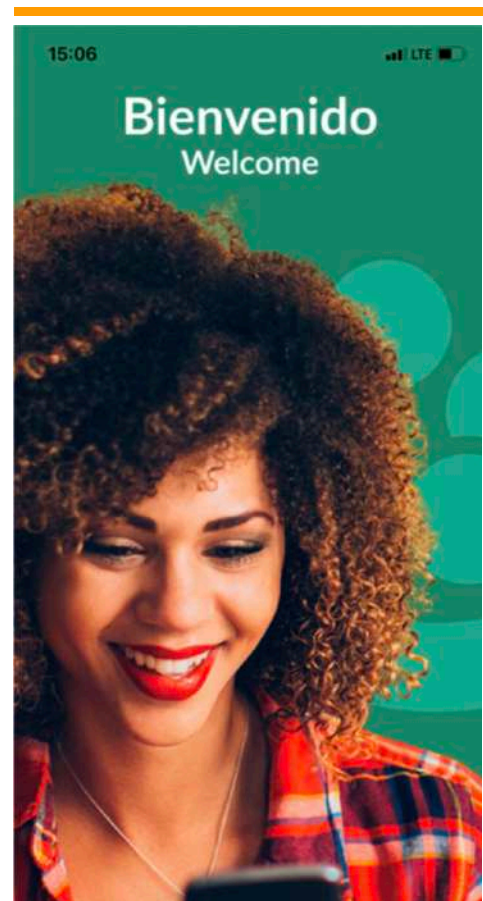
Banesco is a Venezuelan bank created in 1991, with operations in the banking, insurance, and payment methods sectors. It has a presence in the USA, Mexico, Panama, Brazil, Spain, Portugal, Germany, France, Switzerland, Great Britain, and Venezuela, it has expanded through mergers and acquisitions.

They have more than twelve thousand collaborators, more than a thousand offices, and more than seven million clients. Its volume exceeds \$125,000 million dollars and its assets exceed 5,200 million dollars. The project developed in this success story is for the headquarters of Banesco Panama.

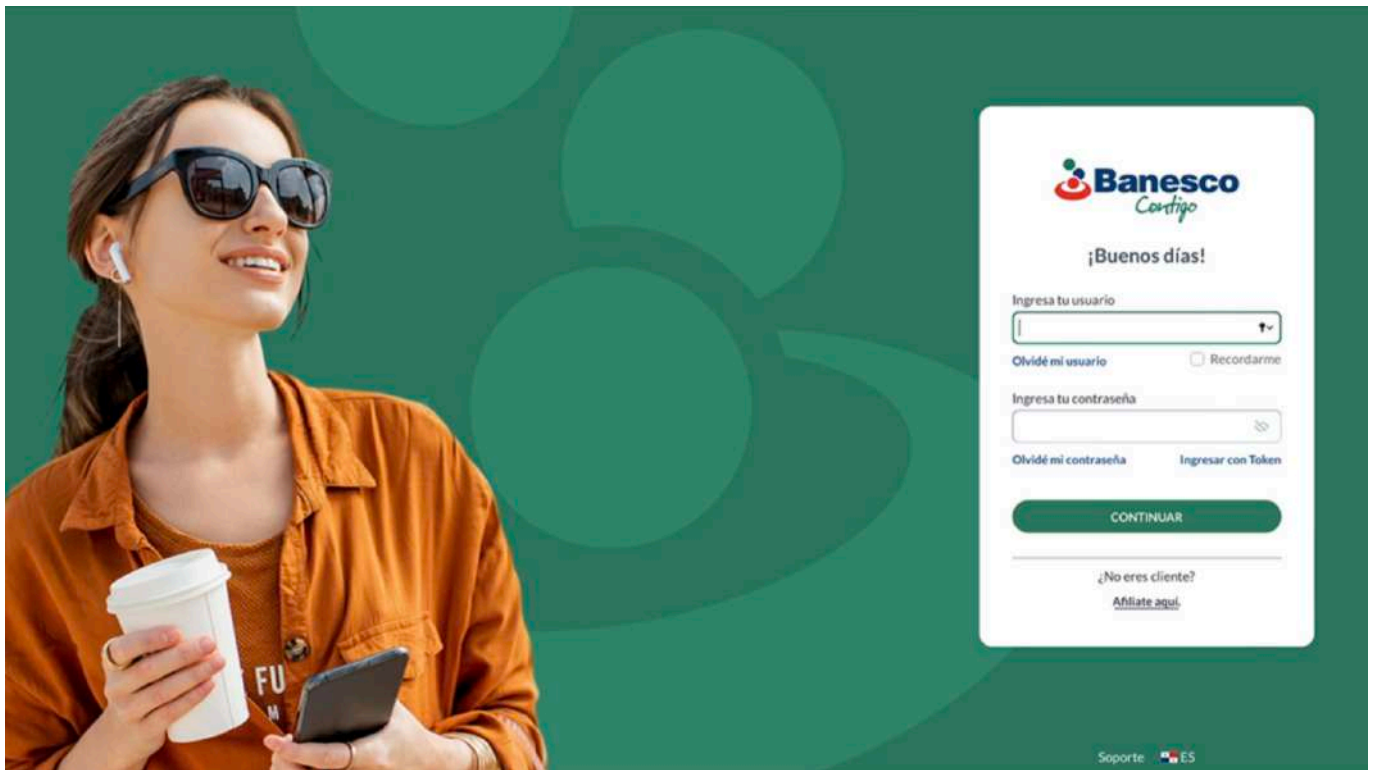
Challenge

Banesco Panama already had an app, however, they needed to refresh their image and features to target younger users as a brand and host their services in the cloud for better management, thus increasing the security of their services and processes; and reducing costs.

It is for this reason that Banesco decided to hire a third party to develop its app with the fresh new image and features that they want to offer its users. One of the main reasons of this



project is that the app will be hosted in the AWS cloud, making it more secure and scalable for later changes they wish to develop. Therefore, it was required to have the experience and know-how to deploy the sections to the cloud.



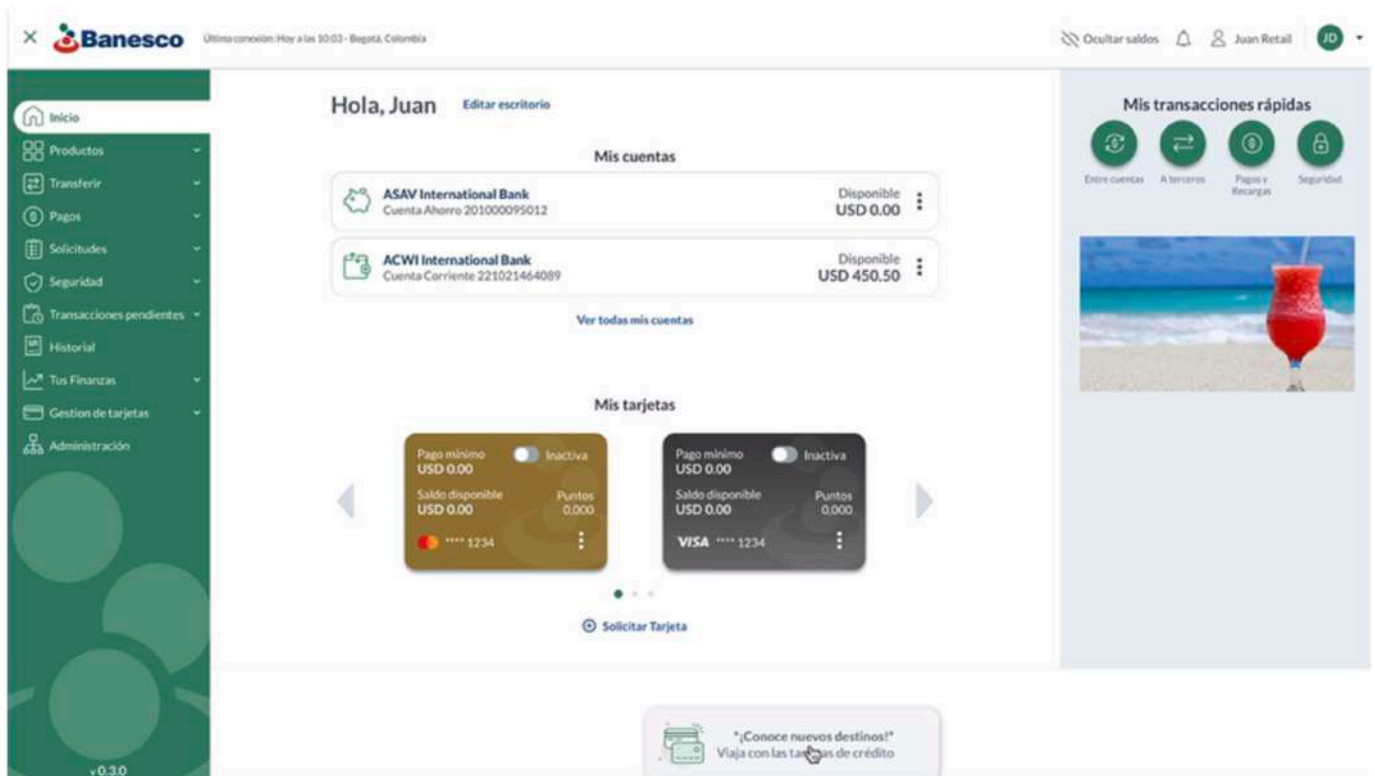
Solution

As the app was developed by the third-party software provider contracted by Banesco, Rootstack was deploying the delivered parts of the project and carrying out the corresponding tests for each sprint.

This process must be done by a different party than the development company because the developments created by the company are evaluated and tested based on the client's requirements. Here Rootstack provides its services

as DevOps and QA, to directly deploy and test deliveries in Banesco's test environment, in the AWS cloud where the entire operation of the app will be hosted.

In this way, Banesco controls and limits access to the company's information and systems. Rootstack can have a natural controlled environment for live user tests, as will be reflected later in the AWS cloud.



Technologies:

The methodology used during the project to guide and control the tasks, requirements, development, and implementations was Scrum, the tickets were managed in Jira and Rootnet for some phases of the project.

The technologies, tools, and languages used throughout this project were: React, Objective-C, Java, JavaScript, CSS, HTML, Jira, Rootnet, Confluence, AWS, S3, Cloudfront, Docker, ECS, EKS, EC2, Load Balancer, Cloudwatch, JSON, among others.

Two Rootstack collaborators, a DevOps and a QA, were involved in this project, they carried out the respective deployment of each phase of the project on the Banesco server hosted in the AWS cloud, and thus carry out the tests in a real environment controlled with the corresponding test users.



This was a project where we participated as Devops and QAs for Banesco's online banking mobile app. As well as this successful project, we have more in the banking, financial, and insurance sectors, among others. We have participated as developers, auditors, product creators, and designers for different companies throughout the continent. Thanks to our expert talent in different technologies and sectors, we can create the solutions that our clients need. Would you like to learn more about our experience and how we can apply it to your projects and company? contact us