



# Revolutionizing Fintech: Qik's Strategic Shift to AWS and Enhanced CI/CD

## Executive Summary

Qik, a leading fintech in LATAM, has established itself as a modern and secure credit card provider, catering to a vast clientele with innovative financial solutions. Recognizing the need for a robust and agile infrastructure to support its rapid growth and maintain its position as a market leader, Qik collaborated with Binbash to embark on a transformative journey.

## Challenge

With its reputation as a modern fintech, Qik faced the complexities of a growing infrastructure. The need for a scalable, secure, and efficient system became paramount. Additionally, Qik aimed to improve its CI/CD processes to ensure faster and more reliable deployments.

## Solution

Binbash, with its deep expertise in AWS and CI/CD processes, proposed a comprehensive strategy:

- **Well-Architected Assessment:** An in-depth analysis was conducted using the AWS Well-Architected Framework. This assessment laid the foundation for the subsequent phases, ensuring that the solutions align with AWS best practices.
- **ECS Architecture Deployment:** Binbash contributed to the deployment of Qik's architecture on Amazon Elastic Container Service (ECS). This not only provided scalability but also ensured efficient resource utilization.
- **CI/CD Improvements:** Binbash revamped Qik's CI/CD pipelines in GitLab. The new setup optimized continuous integration processes, including unit and integration tests, static and security code analysis, and Docker image building. The continuous delivery pipelines were enhanced for automated deployments to AWS ECS environments, ensuring a smooth transition from development to production.

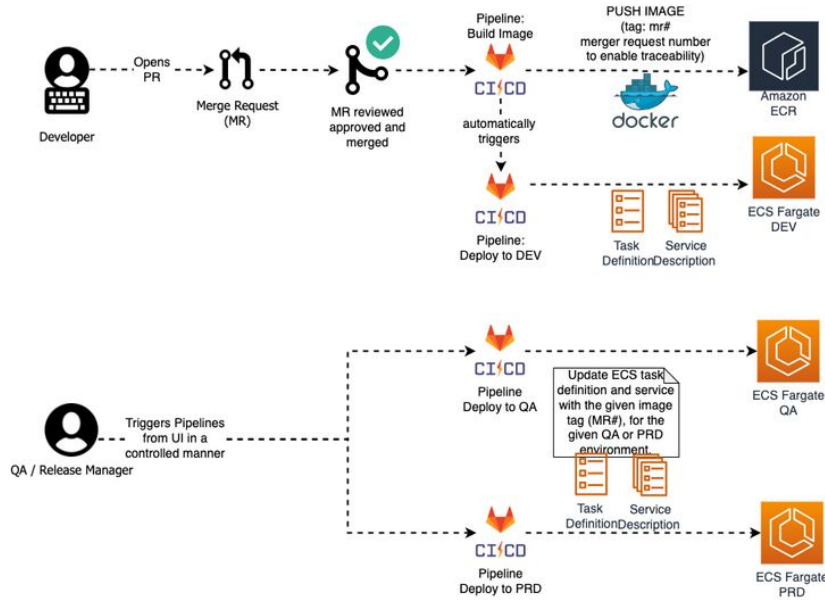


## Background

As one of the most prominent fintechs in LATAM, Qik has revolutionized the financial landscape by offering modern credit card solutions that prioritize security, user experience, and accessibility. Their commitment to leveraging cutting-edge technology has not only set them apart from traditional financial institutions but has also garnered them a reputation as a trailblazer in the fintech space.



## Cloud Solutions Architecture Diagram



## Results

Qik now boasts a modernized infrastructure that is both robust and scalable. The enhanced CI/CD processes ensure faster deployments, reduced errors, and increased developer productivity.

## Key Milestones

- Project Kickoff & Initial Assessment: Laid the groundwork for the entire project, ensuring all stakeholders were aligned.
- ECS Architecture Deployment: Transitioned Qik's infrastructure to Amazon ECS, achieving scalability and efficiency.
- CI/CD Process Overhaul: Revamped the CI/CD pipelines in GitLab, optimizing the build and deployment processes.
- Project Completion: Marked the successful implementation of all proposed solutions, setting Qik on a path to continued success.

Through strategic collaboration and leveraging advanced technologies, Binbash has empowered Qik to achieve its infrastructure and deployment goals, ensuring a bright future for the platform and solidifying Qik's position as a leading fintech in LATAM.