



CASE STUDY



A USA-Based Fintech Startup Achieved Faster Releases & Scalability Through AAIC DevOps Pipeline & IaC

Location: USA
Industry: Finance



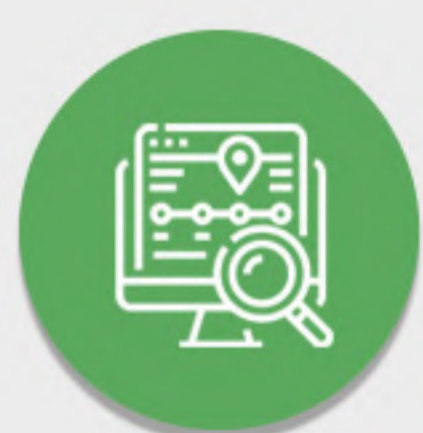
THE CHALLENGE

The client is a new-age fintech startup that helps people in making better use of leftover coins and bills. With the rise in fintech startups, fundings, and urgency to deliver features fast, they were facing the following challenges:

-  Providing customers with any new features or modifications as soon as possible.
-  Because multiple people collaborated on their project, it was hard for them to keep track of revisions like who made what changes and when, as well as where those files were saved.

THE SOLUTION

First, our team of experts had a discussion with their engineering and product development team. Then considering their top 2 challenges, We took the following steps:



Designed Pipelines for their frontend and backend while integrating GitHub so that they can keep track of all the changes that have been pushed to the repository.



Created the infrastructure as a code to help them automate infrastructure provisioning, allowing them to develop, deploy, and scale with less risk, and low cost.



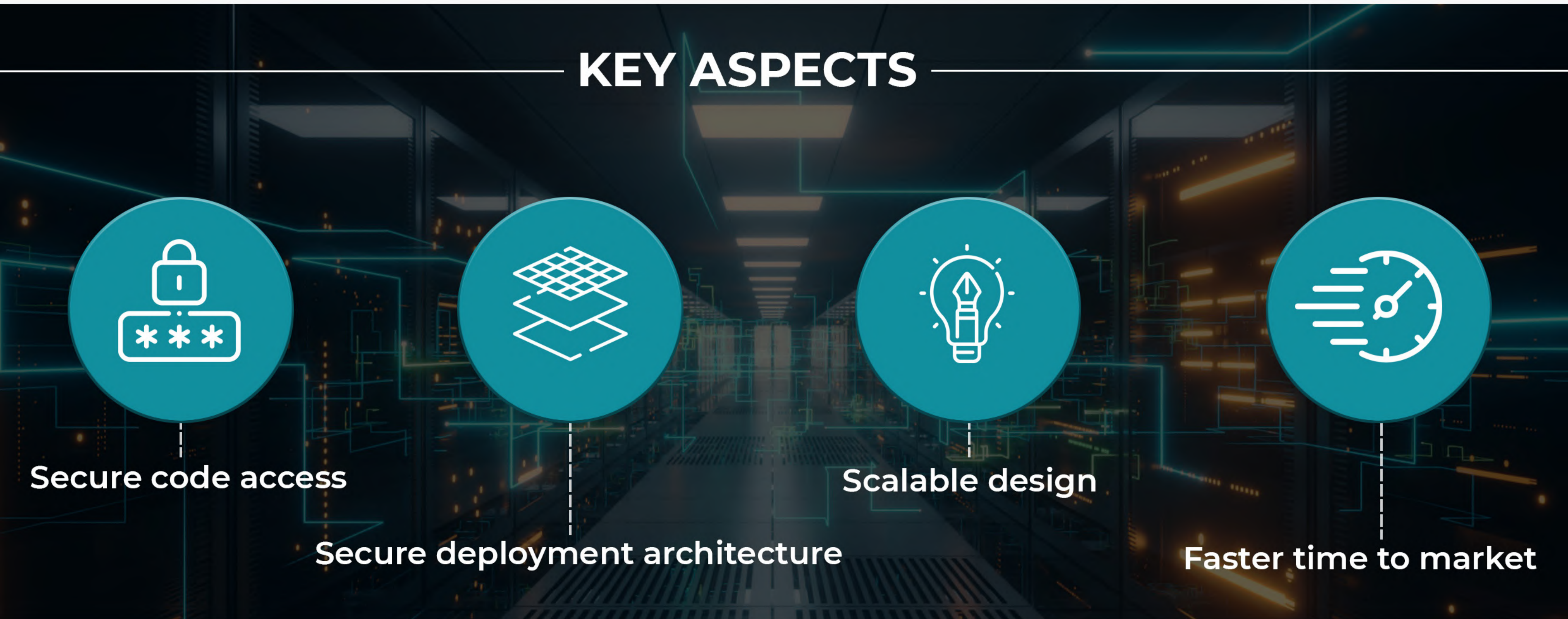
Our **CI/CD Pipeline** for frontend assisted them in:

- Building the static assets01
- Copying the static assets to S3 buckets02
- Validating the CloudFront code object03




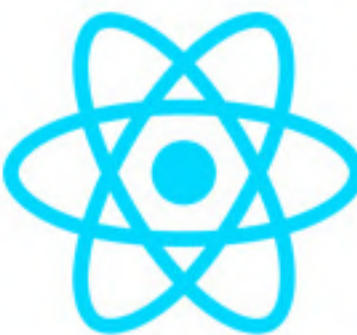
While the **backend pipeline** was helping them in:


- Building and pushing the docker image code
- Updating the task definition with the image built and pushing it to the ECR.





TECHNOLOGY IMPLEMENTATION

Flutter

React

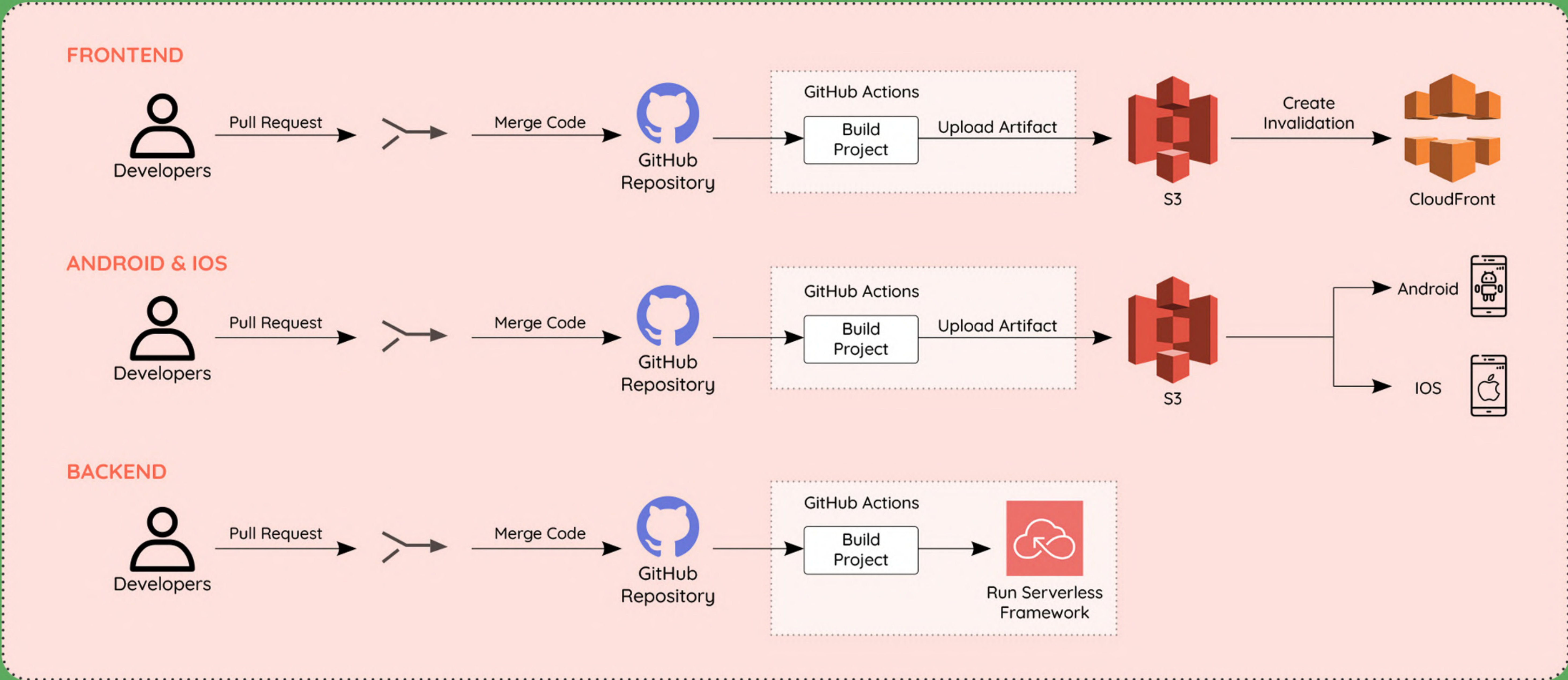
node

Firebase
Cloud Messaging

Amazon ECS

- Node JS
- React JS
- Flutter
- FCM
- AWS ECS

DEVOPS PIPELINE FOR FASTER RELEASES



AAIC DEVOPS SERVICES

THE OVERVIEW

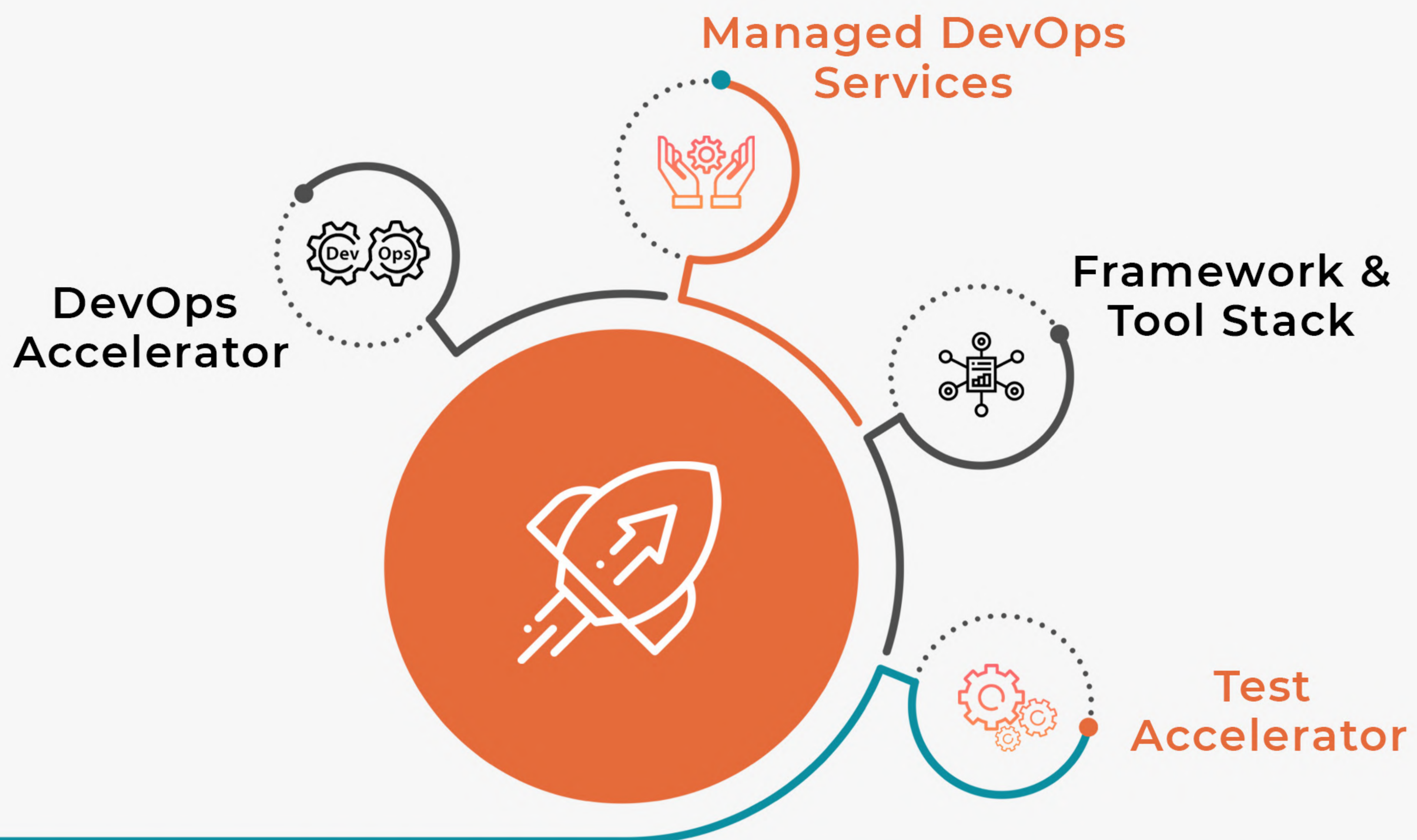
- » AAIC has plenty of AWS migration experts.
- » As a Cloud System Integrator (CSI) and **DevOps Service Provider**, we enable enterprises to transform securely by accelerating the migration of their application and big-data workloads to the cloud with improved governance.

THE FEATURES

We help you master performance and collaboration within your team through our specially designed DevOps Services which

- 01 Helps you decide the CI/CD platform based on your application suitability.
- 02 Quickly select the best suitable pipeline for your application.
- 03 Contain easy-to-use and standard templates that can be modified to suit your unique application.
- 04 Incorporates templates based on recommended architecture.
- 05 Provides templates that have been used in production for multiple customers with varying degrees of application complexity

THE DIFFERENTIATOR



**BOOK A MEETING WITH
OUR ARCHITECT**



ABOUT AAIC

We are automation experts, with a majority(> 60%) of our workforce AWS-certified. We assist you in applying intelligence to the Cloud and DevOps, as our name suggests.

Our AWS certified experts create high-performing cloud apps by utilizing intelligent components and smart integrations to accelerate your digital transformation journey.

Copyright © 2022 AppliedAIConsulting



+91-9923354746



connect@appliedaiconsulting.com



www.appliedaiconsulting.com



DevOps
In-a-box

Fastrack your DevOps
implementation



Applied AI
Intelligence Delivered