



# Finance Case Study

## Micro-blogging Platform

### Client Overview

- One of the world's largest micro-blogging platform company

### Business Requirements

- Looking for automation of Dev to QA to Release cycles with deployments of multiple environments in the cloud and validate builds
- Need a Test Ops team, a technical backend support for automation of CI/CD pipeline by deployment, monitoring builds and validating functional flows
- Validate the functionality, compatibility, performance & security of the product across various platforms, browsers, network & devices post deployment in cloud
- Reporting of DevQA operations status to all the stake holders with failure details in UI, API and DB

### Indium Solution

- Reporting of DevQA operations status to all the stake holders with failure details in UI, API and DB
- Implemented a centralized platform for Dev and QA to plan on the tests to write and run with shorter execution times.
- TestOps team techniques using AzureRepos, Jenkins, CircleCI, Docker, Kubernetes, API – gRPC, GraphQL, in VM and EC2 instances
- Reports with status of testing operation such as stability, performance, failure diagnostics
- Automated 235+ scenarios across various modules with preparation of regression & smoke test suites

### Technology / Tools



### Business Impact

- **Global product with huge user base developed and launched within short span of 6 months**
- **18% Faster time to market with rapid release cycles with End-to-End automation**
- **Reduced prod bugs with 12% Early defect detection with 100% test coverage**