

Activelobby Case Studies

DevOps Case study - Fintech

DevOps case study discussing how Activelobby streamlined our client's software development cycle and brought DevOps culture into the organization.



About the Client

The client's application was built to allow people around the world to make fractional investments in global brands with no border restrictions and no transaction fees. The application also uses the Tezos blockchain. The profiled company asked to have their names blinded to protect their confidentiality.

Requirements of the client

- Bring DevOps Culture to its Software Development life cycle.
- Faster Development Cycle with Better collaboration between teams (Business, Dev, and Ops)
- Automating deployment, scheduling, and scaling of containerized applications.
- Build a runbook of services and its environment for ease of maintenance.
- Implement Automated Scripts and AutoScaling Infrastructure on demand.

Challenges towards achieving the requirements

- Find a partner with DevOps Consulting Experience
- Architecture design for better scalability and response.
- Resistance to failures and infrastructure issues.
- The infrastructure and orchestration supporting the product needed refinement to support customer growth and remove single points of failure.

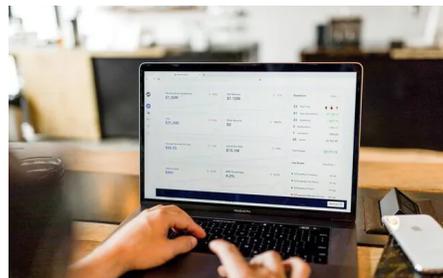
The Activelobby Difference

After evaluating the requirements, our team configured the environments in Kubernetes Cluster and helped the development team to deploy the application as containers. Initially, the deployments were handled manually and once we educated the development team about the DevOps culture, we set up multiple environments Dev, Staging, and Production, and then automated the continuous delivery pipeline.

While automating the pipeline, we prevented risky deployment and increased productivity. The team also automated integration, testing, and release tasks by building necessary automation scripts in line with identified technology stack and configuring and setup the environment. Activelobby team did phase-wise Agile scrum process development with sprints. Lastly, establish operational visibility, monitoring, and reporting for performance measurement.

Technology Stack (PaaS)

- Orchestration Tools
- Version Control
- Configuration Management
- Automation
- Log Management
- Cluster Administration
- Monitoring



- AWS and Google Cloud
- Docker Kubernetes
- Github
- Terraform
- Jenkins
- EFK
- kops and kubectl
- Prometheus Grafana

Result

Our clients have streamlined their development and deployment processes to DevOps which in turn generated revenue with a happier and much more satisfied client base.

Ready To Get Started?

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