

KeplerWorx is helping Bayviews Forever revolutionize their DevOps processes and scale their platform to meet the growing demands of the fast-paced cryptocurrency trading world.



Executive Summary

Bayviews Forever is a company providing services to crypto traders in the fast-paced world of cryptocurrency trading. They faced several challenges in their DevOps processes, including lack of standardization in their infrastructure and difficulty in scaling their platform to meet growing demands. To overcome these challenges, Bayviews Forever engaged KeplerWorx, an AWS Advanced Consulting Partner, to implement a DevOps model on AWS. KeplerWorx streamlined their automation, monitoring, and continuous integration processes, resulting in faster and more reliable release cycles. The DevOps transformation has allowed Bayviews Forever to focus on their core business of providing top-quality services to crypto traders, improving their overall operational performance and cloud architecture.

Customer Challenge

Bayviews Forever was facing major challenges in scaling and performance due to the fast-paced nature of the cryptocurrency trading world. As the demand for their services grew, they experienced difficulties in scaling their platform to handle the increased workload. This resulted in slow response times, poor user experience, and lost revenue opportunities. Additionally, they were struggling to innovate and introduce new features to stay ahead of their competitors due to their existing infrastructure's limitations. They needed a solution that would enable them to improve their platform's scalability, performance, and innovation capabilities, allowing them to keep pace with the constantly evolving cryptocurrency trading landscape.

Why AWS

Bayviews Forever chose AWS as their cloud provider because they needed a robust and reliable infrastructure to handle the demands of the fast-paced cryptocurrency trading world. AWS's cost-effective pricing structure also allowed Bayviews Forever to optimize their costs and allocate resources efficiently. Finally, AWS's extensive security features gave Bayviews Forever confidence that their data and infrastructure were secure and compliant with industry standards.

Why KeplerWorx

Bayviews Forever chose KeplerWorx as their partner to support their DevOps journey and accelerate project delivery. As an AWS Advanced Consulting Partner, KeplerWorx has extensive expertise in designing and implementing cloud solutions that leverage the full range of AWS services. KeplerWorx's deep understanding of AWS infrastructure and best practices in DevOps allowed them to develop a customized solution that would meet Bayviews Forever's unique needs. With KeplerWorx's help, Bayviews Forever was able to streamline their CI/CD pipeline, improve their platform's scalability, and enhance its performance. This enabled Bayviews Forever to quickly and efficiently release new features and updates, giving them a competitive edge in the fast-moving cryptocurrency trading industry.

About Bayviews

At Bayviews they understand the challenges that crypto traders face in the fast-paced and ever-changing world of cryptocurrency trading. That's why they provide advanced data analysis and visualizations to help traders make informed decisions about when to buy and sell. Their team of experienced analysts and developers work tirelessly to provide our clients with the latest insights and tools to succeed in the crypto markets. They believe that access to accurate and up-to-date information is the key to success in trading, and their mission is to provide traders with the knowledge and support they need to achieve their financial goals. Whether you're a beginner or an experienced trader, they will help you stay ahead of the curve and make smarter trading decisions.

How KeplerWorx helped in enhancing the Customer Experiences on the platform

KeplerWorx played a crucial role in improving the customer experience for Bayviews Forever by enhancing the platform's scalability and reliability. We deployed their microservices on AWS EKS Fargate. By leveraging Fargate, Bayviews Forever was able to scale their microservices based on demand without worrying about the underlying infrastructure, resulting in cost savings and improved agility.

To streamline the infrastructure deployment process, we implemented a robust CI/CD pipeline using GitHub Actions to deploy infrastructure as code using Terraform, making it consistent and standardized across all environments. This helped in quick and reliable deployment of the application and infrastructure, leading to reduced downtime and improved consistency.

The deployment of CI/CD pipeline using GitHub Actions into Bayviews Forever's development workflow has also significantly streamlined their software development lifecycle. The automation of build, test, and deployment phases has enabled them to release updates and new features to their customers more frequently, leading to an improved overall customer experience.

Our expertise in cloud technologies and DevOps has enabled Bayviews Forever to achieve a more efficient release cycle, leading to a significant improvement in their platform's performance and reliability. KeplerWorx is proud to have played a key role in enhancing the success and customer satisfaction of Bayviews Forever.

Results and Benefits

Improved Scalability and Reliability: The deployment of microservices on AWS EKS Fargate has made the platform highly scalable and reliable, ensuring it can effortlessly handle increased traffic and users.

Faster Deployment: With the implementation of a CI/CD pipeline using GitHub Actions Bayviews Forever can now deploy application code efficiently, leading to faster release cycles. This resulted in a 30% reduction in time-to-market, ensuring the platform remains up-to-date with the latest features.

Cost Optimization: By right-sizing resources and standardizing infrastructure deployment practices, Bayviews Forever has seen a 20% reduction in operational costs. The use of Fargate also eliminates the need for managing and scaling infrastructure, saving time and resources.

Improved Agility and Resilience: The implementation of best practices in DevOps, such as Infrastructure as Code and automated deployments, has increased agility and resiliency on the platform.



About KeplerWorx

KeplerWorx is a global consulting company with operations in Middle East, India, and Europe. Driven by technology, we focus on delivering solutions on Cloud, mobility DevOps and Big Data. Speed, innovation, and excellence are the underlying tenets that drive our culture.