

Built and managed microservices-based AWS setup to reduce Go-To-Market time & optimize costs

About the Customer

AllyO (recently acquired by Hirevue) is a US-based company that provides workspace engagement solutions to enterprises to automate talent management and acquisition. AllyO works to bring the recruiting process to the applicant. It utilizes deep workflow conversational AI to fully automate the end-to-end recruiting workflow by engaging through texting over mobile and web. It enables conversational job matching across channels, qualifies the candidate for the best-fit role, automates interview scheduling and post-interview interactions, drives retention through post-hire check-ins, and gathers insights.

Customer Challenge

AllyO wanted to build and manage a highly scalable, secured, and reliable microservices-based setup on AWS with a mix of datastores and cache-layers with fully automated infrastructure provisioning and configuration management tools to cut down the efforts, time, cost, and resources needed for go-to-market.

Partner Solution

TO THE NEW worked with AllyO on delivering a solution that included:

- Revamping of the old architecture by moving to microservices-based highly scalable dockerized architecture orchestrated using AWS ECS and Azure AKS. Other services included:
 - Infrastructure as a Code
 - CI/CD Automation
 - Centralized Logging
 - End to End Monitoring & Alerting
- Implementation of robust security safeguards to comply with the latest standards and regulations including SOC2, along with implementing end encryption of data (at rest and in transit)
- 24x7 L1/L2 **Managed Services Support** team for streamlining the processes of monitoring the overall health of infrastructure including onboarding and offboarding access. Some of the major activities performed by the MSP team are:
 - Weekly/Monthly Availability, SLA and Cost Optimization Recommendations Reports
 - AWS and CIS Security Audit & Recommendations
 - Backup Management
 - OS Administration & Patching

Industry: ISV



- ITIL Process Management (Problem Management, Change Management.)
- Optimization of AWS cost by leveraging TTN's Cloud Spend Management offering. TTN's **Cloud Spend Management solution** provided AllyO with a list of underutilized RDS, EC2 instances, lists unused elastic IPs, EBS volumes & load-balancers, and other resources, along with purchase recommendations and cloud discounting options. AllyO also got access to TTN's **MyCloud dashboard** that keeps a 360-degree eye on AWS costs and sends notifications to users in case of deviations in daily, weekly, or monthly cost, and thus keeping a check on the overall AWS costs
- Development of customizable Recruiting and HR Automation bots using deep conversational workflow AI and NLP. Developed intuitive and insightful KPIs dashboard using Tableau

Result and Benefits

The use of Automation bots for hiring lowered the cost of hiring by **60%** for AllyO customers. There was a **92%** increase in candidate satisfaction and automated reminder and schedules setup. The HR automation bots also helped AllyO's customers in filling **more than 60%** of their roles internally. Other key business impact created for AllyO included:

- **90%** time reduction in onboarding and offboarding efforts and access management
- Robust infrastructure now handles **50k requests per minute**
- Achieved SOC2 type I compliance with robust security enhancements
- **Reduced AWS spend by 35-40%** within 2 months by **TTN CSM & MyCloud recommendations**
- Infrastructure provisioning and deployment reduced from **a few hours to 15 mins**
- Streamlining of the reporting process and minimization of the recurring infrastructure and application issues through TTN's Managed Services

About Partner

TO THE NEW is a digital technology company providing digital transformation and product engineering services to ISVs, Consumer Internet, and large enterprises across the globe. TO THE NEW designs & builds digital platforms and products with Cloud and Data at the focal point by working on cutting-edge technologies.

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