Podium Tour Operator

Design and implementation of OpenShift cluster on bare metal servers

Customer

Our client, a prominent force in the dynamic tourism sector, engaged us for a specialized project: developing and deploying a resilient OpenShift infrastructure. As an internal tool, this system was essentially a CRM designed to streamline their operations and enhance overall efficiency. . The client aimed to embrace a cutting-edge, bare-metal, cloud infrastructure, unlocking the numerous benefits it brings to the table.

Technologies:

- DevOps: OpenShift, Kubernetes, Terraform, Tekton, Helm
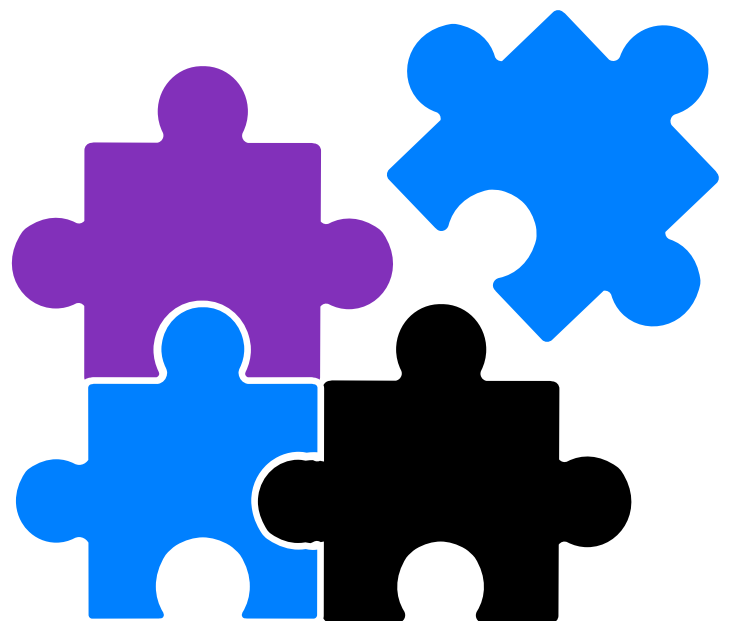
Challenge

The challenges were twofold. First, our team had to navigate the intricacies of setting up an OpenShift infrastructure with multiple clusters and environments—a task that demanded precision and expertise. Second, a pivotal aspect was the need to transition the client's staff to adopt a containerized way of thinking. This required comprehensive training to ensure a smooth shift towards a more modern, scalable, and efficient operational model.

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WHALEY has been a game-changer for us at Podium Tour Operator. Their implementation of the OpenShift infrastructure was smooth, providing us with a modern operational model. The training they conducted to our staff ensured a smooth transition. We benefited with faster release cycle and workflow improvements which led to significant cost reductions long term. I highly recommend WHALEY for their expertise, professionalism and commitment to delivering results.

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Jane Nikolov
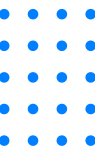*Executive at Podium Tour Operator*

Solution

Using the comprehensive AWS cloud architecture transformation, our solution strategically addresses the challenges at hand. We strategically addressed the challenges by redesigning the system architecture, seamlessly blending scalability with DevOps and GitOps integration. Leveraging cutting-edge technologies, we orchestrated an environment optimized for large-scale data demands, considering the batches and bursts of data the system experiences during specific periods. This approach not only enhanced the system's scalability but also paved the way for faster release cycles.

Result

The outcome was as expected. The Open-Shift infrastructure brought unprecedented scalability, flexibility, and resilience to the client's internal processes. With multiple clusters and environments, they could adapt swiftly to changing demands in the highly dynamic tourism sector. Furthermore, the retraining of the staff led to increased efficiency and a more agile approach to their tasks, which led to a significant cost reduction for maintenance and DevOps personnel. As a result, the client not only experienced operational improvements but also achieved notable financial benefits, underscoring the overall success of the implemented solution.

Contact us now to discuss your business case