



Visionnaire supported Tour House in evolving its GCP environment, bringing greater security, stability, and infrastructure efficiency

Tour House, founded in 1990, is a Brazilian group specializing in corporate travel, leisure, events, incentive programs, and corporate experiences, combining technology, data, automation, and human service.

The company turned to Visionnaire to support the evolution of a proprietary application hosted on Google Cloud Platform (GCP), as it did not have a dedicated in-house specialist for the platform. The need involved assessing the architecture, monitoring the solution's growth, and guiding decisions about new microservices and cloud infrastructure.

The need became urgent due to two production issues. Cloud Run used multiple outbound IP addresses, while some integrations required a previously authorized fixed IP, preventing the use of already-developed features. In addition, MongoDB communicated through an external IP, and Tour House wanted to move this communication to GCP's private network, increasing security.

Visionnaire proposed IT outsourcing and specialized GCP and DevOps consulting services, working with the existing infrastructure. The work included reviewing and optimizing VMs, Cloud Run, multiple IP addresses, MongoDB, and other environment components, using an agile process with Scrum, sprints, and squads. Initially, the work would be carried out by a Senior DevOps Support Analyst on demand.

The work made it possible to move features into production, enable a suitable outbound IP in Cloud Run, make MongoDB communication more secure, and reduce technical risks.

Tour House also gained access to specialized GCP and DevOps *expertise* to support application growth, new integrations, and microservices.

The technologies used in this project include GCP, Cloud Run, MongoDB, Python, React, VPC, VPN, Git, GitHub, GitLab, Docker, Shell Script, and Perl.