

AWS to GCP Migration Resulted in Scalability and Performance

Niveus played a crucial role in facilitating Bobble.AI's Migration from AWS to GCP, providing strategic cloud solutions, end-to-end migration support, and post-migration optimization for enhanced scalability and cost efficiency.

The challenge

Bobble.AI faced challenges with their current cloud environment, including high costs and limitations on scaling resources. To address these issues, they decided to migrate to a new cloud provider for cost optimization and to deliver a better customer experience by reducing latency.

The solution

Requests are handled by the Google Kubernetes Engine via a Global Load Balancer with Google Cloud Armor. Static content is stored and served via Google Cloud Storage and CDN. The app layer connects to MYSQL Cloud SQL, Enterprise Redis, Elasticsearch in GKE, and GCP-hosted Cloud Storage. Managed Prometheus in GCP monitors events. Migration involved moving from Aurora MySQL, AWS S3 to Cloud Storage.

The result

Niveus seamlessly migrated Bobble AI backend application's entire workload from AWS to GCP without any major outages or issues. Achieved less than 150 milliseconds latency with a 99.95% success rate for APIs. Notably, there was an over 87% reduction in both scaling and infrastructure provisioning times, alongside a 15% reduction in overall costs.

“We've seen transformative benefits, including increased scalability and enhanced performance, facilitating a more effective approach for management and operations of Bobble AI's backend applications. We're grateful for Niveus' exceptional service, which has been instrumental in achieving a milestone in our journey towards global expansion.”

Kunal Dawn, VP of Engineering - Backend, Bobble.ai



About Bobble.AI

Bobble.AI, a leading technology innovator, has developed the Bobble AI Keyboard, a user-centric mobile application designed to revolutionize communication. With branches across three continents, including offices in Southeast Asia and a growing presence in Europe, Bobble.AI is rapidly expanding its global footprint.

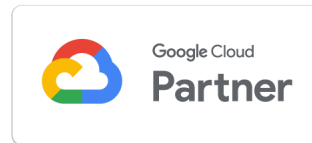
Vertical/horizontal solution: Software & Internet

Primary project location: India



About Niveus Solutions Pvt Ltd

Niveus Solutions, a Google Cloud Premier Partner leverages cloud technologies to help enterprises with a range of cloud capabilities and services.



Products

Google Cloud Platform