

AnRSVP

Event and guest list management,
powered by FaunaDB

ABOUT THE USER

AnRSVP's wedding guest list and event invitation management system offers customized landing pages and RSVP tracking.

PROJECT OVERVIEW

AnRSVP publishes wedding and event invitations as high performance websites. All AnRSVP websites are powered by the same CDN-hosted static HTML application assets, which then load customized event and template data via Ajax calls. This architecture offers a blend of operational simplicity and performance. Static assets making calls to the backend is a good way to give users a snappy experience..

The ShiftX team leans on their database to make complex data easy to work with. By selecting a database with an expressive query language and deep object modeling capabilities, including object references and temporal storage, they are able to write queries to provide insights to their customers. Finding a relationship where for instance, delays in one step introduce errors in a later step, takes a database which understands the data.

REQUIREMENTS & CHALLENGES

AnRSVP needed a simple cloud backend to serve site template data. They saw the category of databases which can be queried directly from the browser as an opportunity to simplify their stack while increasing the performance of their application. Among cloud databases, they wanted a database with metered pricing and worldwide availability.

Metered pricing means they only pay for actual usage, with no monthly capacity commitment. Because each individual wedding can have different traffic requirements, using a serverless architecture allows AnRSVP to scale on demand without paying for idle.

Global availability gives AnRSVP users the best experience as queries are responsive and correct worldwide. Worldwide availability was important to match the performance of the globally distributed CDN-hosted assets. By serving reads from a local CDN and a nearby FaunaDB Cloud endpoint, users are never subject to long network round trips.

WHY FAUNA

AnRSVP's requirement to support global content delivery of customized content lead them to chose FaunaDB Cloud. It offers global availability, metered pricing, and a query interface accessible via the browser.

FaunaDB Cloud runs in multiple cloud providers and regions, offering worldwide availability. This gives users all over the world a consistent high performance experience, and the ability to query the database directly from code running in browsers anywhere.

Metered pricing fits well with customized content platforms like event invites, because it is possible to track the cost of each query and bill end users. More importantly, it's affordable to run usually idle but occasionally busy workloads, no matter how popular the event becomes.

RESULTS

FaunaDB's global availability means AnRSVPs sites are fast for users all over the world.

The serverless pay-as-you-go pricing means AnRSVP never has to pre-provision capacity in anticipation of a popular event.

AnRSVP's single-page-application (SPA) makes requests for data directly from the browser to the FaunaDB database API, by using the official FaunaDB JavaScript drivers. This simplifies the stack and improves site performance, compared to adding a layer between the browser and the database.

AnRSVP is using FaunaDB for people's event websites like weddings, anniversaries, and birthdays. The cool thing about using FaunaDB is that the website's JavaScript fetches the data directly from FaunaDB, so these websites essentially have no backend and as a result they end up loading really fast

- Artur Tomusiak, AnRSVP