Elemy's Journey to HIPAA-Compliant AWS SaaS Platform

Overview

Elemy is a leading provider of pediatric behavioral and mental healthcare services across the United States. Recognizing that every child is unique, Elemy offers tailored care solutions beyond the one-size-fits-all approach. Their services encompass a range of conditions including autism, ADHD, anxiety, depression, and other behavioral disorders. Elemy's care model is integrated, evidence-based, and personalized, ensuring that children receive the best support tailored to their needs. One of the standout features of Elemy's approach is their in-home therapy sessions, which are facilitated by world-class clinicians, ensuring that children receive care in a familiar and comfortable environment. This approach not only ensures consistent care but also provides families with the convenience and peace of mind they need. Elemy is currently operational in three states, namely California, Florida, and Texas, serving more than 20 cities.

Customer Challenge:

Elemy is a renowned healthcare platform that focuses on providing seamless patient care. Their commitment to data security and compliance is paramount, and they sought a solution that would uphold these values.

Elemy's primary challenge was to deploy a solution that was not only HIPAA-compliant but also scalable and efficient. They needed a robust architecture that would ensure data security while also being agile enough to adapt to the ever-evolving healthcare landscape.

Location

New York, NY

Testimonial

"We utilized binbash to help get our DevOps infrastructure launched and manage all aspects of our AWS-based setup. Their security and compliance focus turned out to be a great fit for our HIPAA regulation needs. We've been very pleased with their responsiveness and thoroughness with regards to our technology needs and would be happy to work with them again in the future."

Yury Yakubchyk. CEO

Solution

binbash, an AWS Partner, provided Elemy with a tailored solution leveraging AWS services. The HealthTech Compliant K8s Architecture was designed and deployed, ensuring a secure, scalable, and efficient cloud infrastructure. binbash's unique approach and expertise in AWS made them the ideal partner for Elemy, differentiating them from other potential partners.

The collaboration involved:

- Service Discovery: Reviewing Elemy's existing application stack and architecture, and understanding their building and deployment processes.
- Migration and Cloud Solution Architecture Design: Configuring and accessing application component repositories on GitHub, designing MVP cloud architecture, and calculating cloud provider costs with a focus on cost optimization.
- Local Development Environment Standardization: Automating and containerizing app environments using docker images to ensure a consistent experience across local and cloud environments.
- Parameters, Credentials, Secrets, and Tokens Techs: Defining tools for storing sensitive data, designing strategies for managing parameters, and ensuring the secure storage of secrets and other sensitive information.
- Documentation & Tech Writing: Documenting all objects and procedures, providing diagrams of infrastructure architecture, and ensuring all code is well-documented.
- Security: Planning for compliance requirements, implementing encryption at rest for sensitive data, and managing SSL certificates for end-to-end encryption.

Results

With the new architecture in place, Elemy experienced significant benefits:

- Enhanced patient care with faster data processing.
- Robust data security compliant with HIPAA regulations.
- Scalable solution that can adapt to increasing patient data.

The collaboration has set Elemy on a path of continuous growth and innovation, with plans for further expansion and integration of more AWS services.