End-to-end software product engineering for a US based, leading co-working space for life science startups.

SOLUTIONS SOFTWARE & APPLICATION

We used Azure Cloud services to implement the following:

- Azure cloud build and deploy services to pull code from Github, build & deploy the whole application, maintain build numbers, history & time of releases, and rollback of deployments.
- Azure cloud blob storage to store documents of the application.
- Azure Email Service to send notifications.
- Azure Config Service to store configurable properties of the Biolabs portal.
- Azure App Service to host front-end and back-end of the portal, auto-scaling when loads exceed prescribed levels. We deployed applications in multiple regions for high availability across multiple sites, leading to better security levels.
- Cloud PostgreSQL DB. to create a highly secure environment where one can scale, compute and store data independently, based on workloads.

THE OUTCOME

We turned what was essentially a raw idea from our client into a highly efficient real-time application. The platform we created for BioLabs is easy to use, and helps them streamline their business – from operational processes, reporting, management, and business efficiency to customer services, client relationships, and collaboration – with great effect.

Users today can add more sites, whenever needed, by using the Azure config service. The platform enables sponsors to see an aggregated view of biotech companies, facilitating them to approach resident companies. Site directors and sponsors are also getting current status notifications of resident companies. For BioLabs, the project has helped them turn into much more than just an MVP.