

FORM BUILDER USING MERN

The problem that this project addresses is the absence of a user-friendly, flexible, and customizable form builder tool, resulting in a cumbersome and time-consuming process of creating and managing web forms. This project aims to provide a solution to this problem by developing a Form Builder application that allows users to create custom forms, view form previews, and manage their forms effectively. The existing challenge lies in the complexity of form creation, and the opportunity is to simplify this process, ensuring an intuitive and efficient experience for developers and end-users alike.

In this project, I have developed a Form Builder application using the MERN (MongoDB, Express, React, Node.js) stack. The core idea of my project is to offer a web-based platform that allows users to create custom forms, view form previews, and access a list of saved forms. This addresses the problem of tedious and complex form creation, with a primary focus on providing a simplified form creation experience.

I have deployed this application using Azure App Service to ensure its availability and scalability for users. I utilize Azure Advisor to enhance operational efficiency by creating service health alerts, which keep me informed about issues and advisories across four key areas: Service issues, Planned maintenance, Security advisories, and Health advisories. This proactive approach to monitoring and management guarantees a seamless user experience and reinforces the project's reliability.

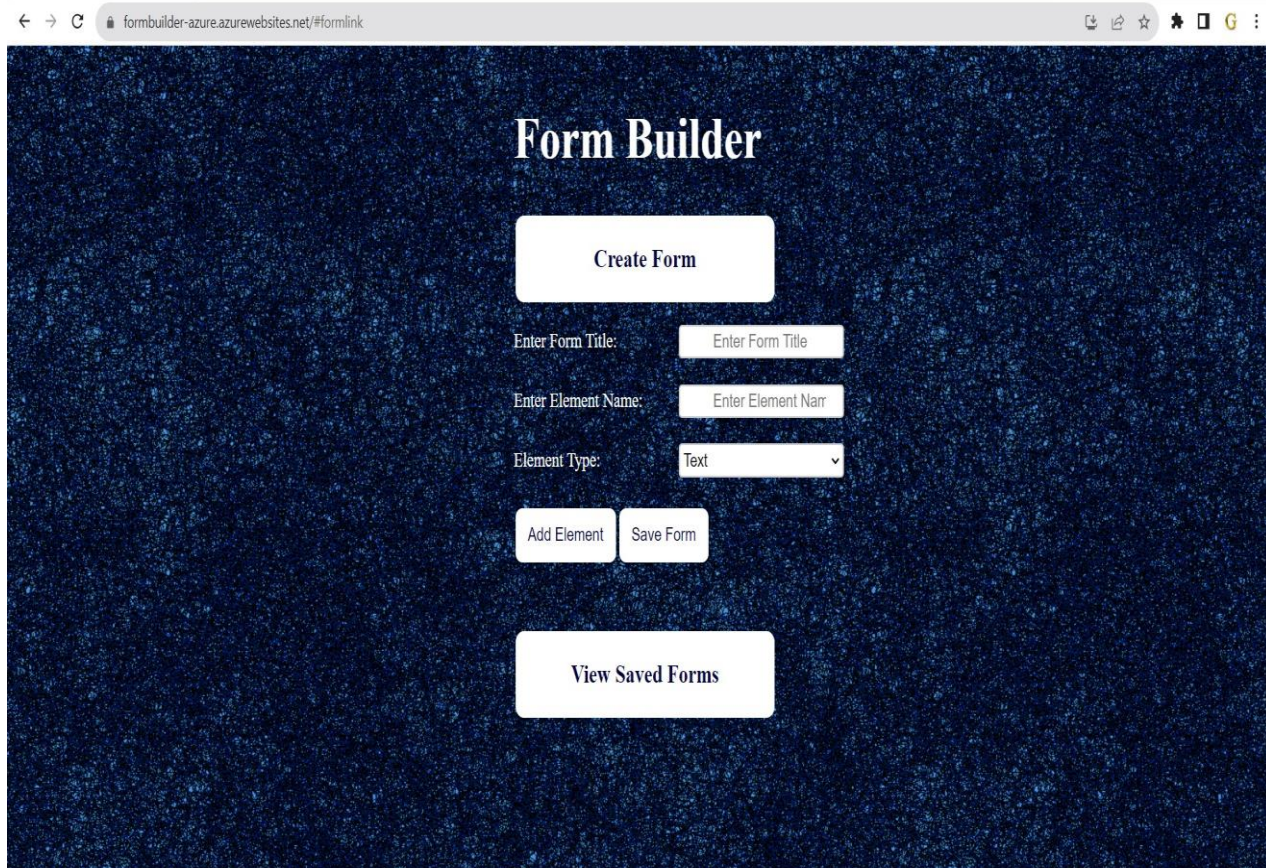
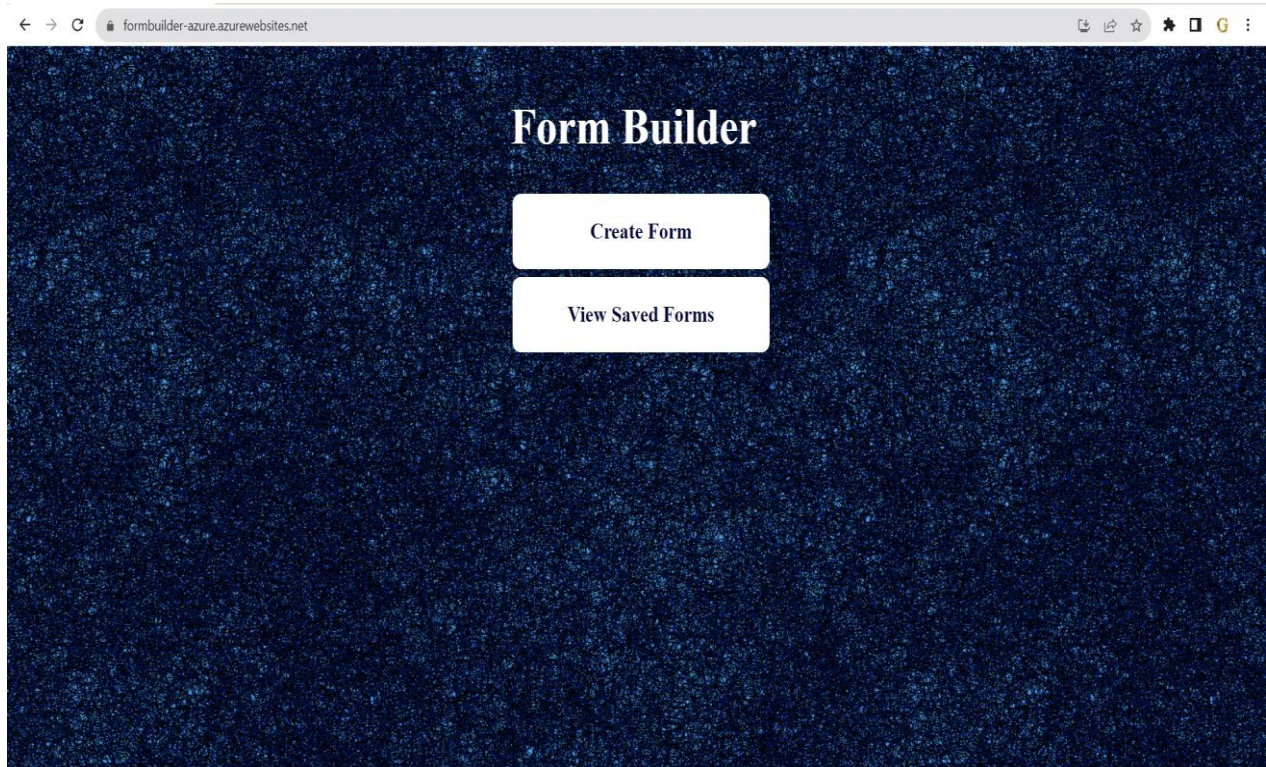
To ensure the continuous availability of the web app, I've employed Azure Monitor to create alert rules. Whenever the web app stops, I receive email notifications and Azure App push notifications. This integration between Azure Monitor and Azure App Service ensures that the application runs smoothly, and any issues are addressed promptly.

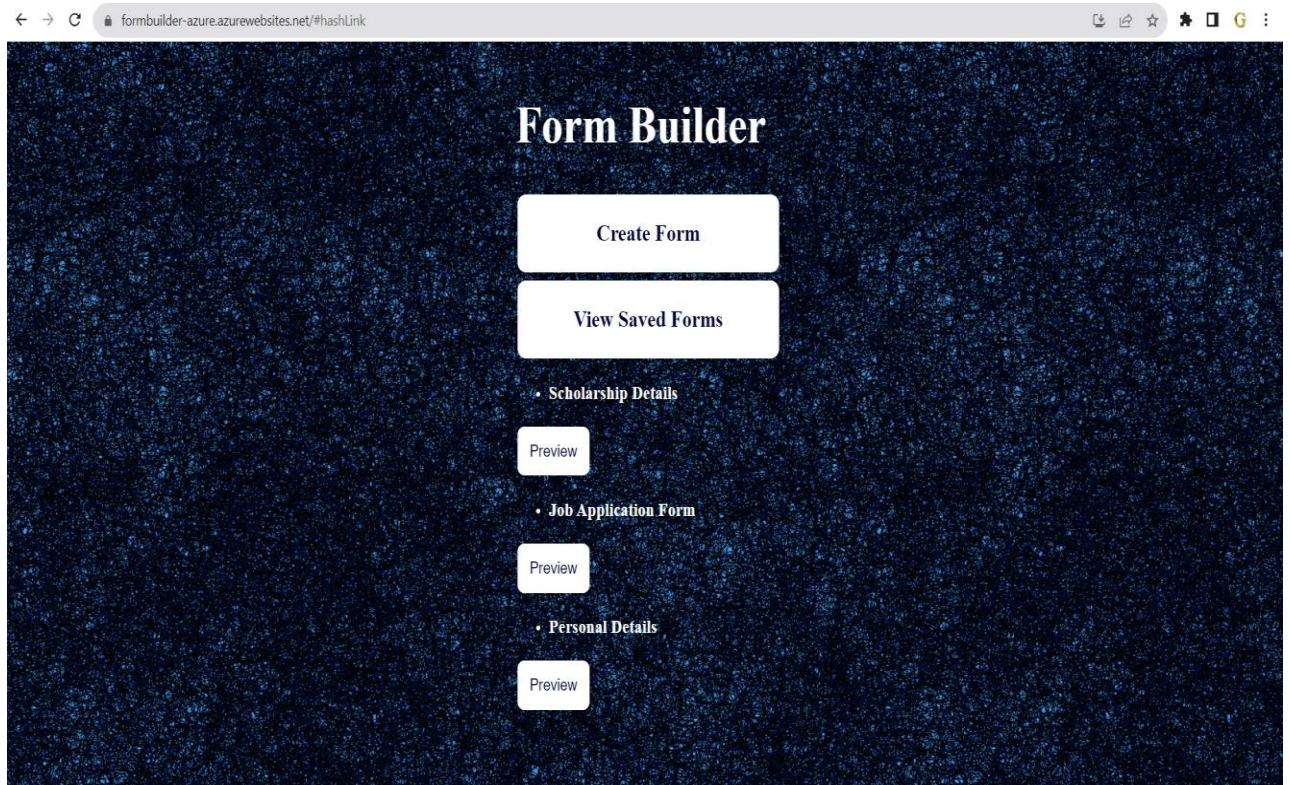
Website Link: <https://formbuilder-azure.azurewebsites.net/>

Output Demo Link:

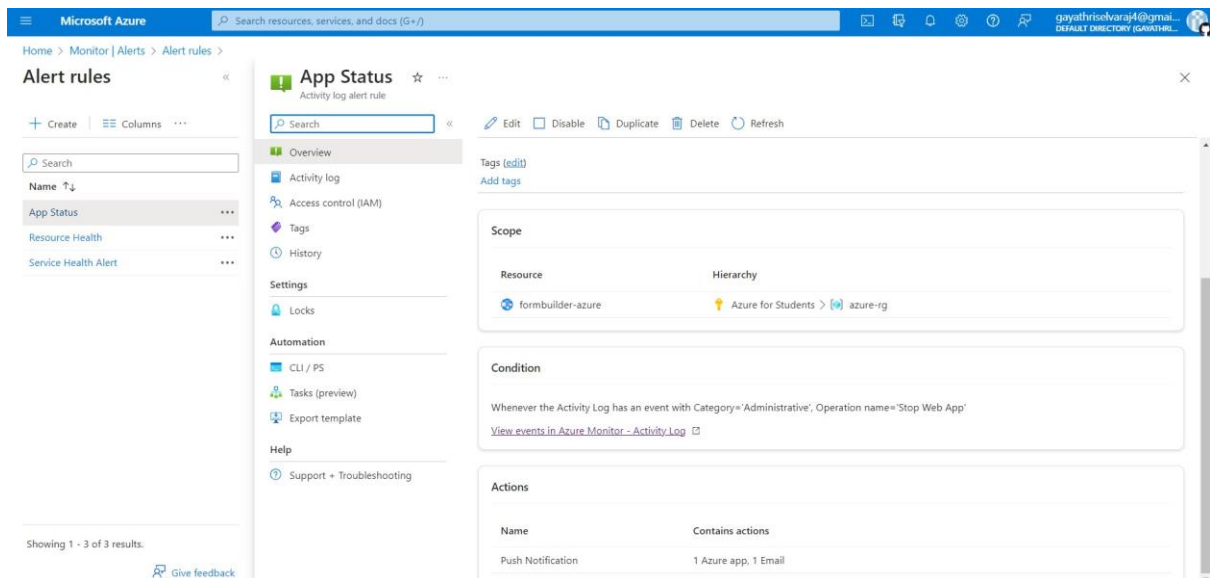
https://drive.google.com/file/d/1bJINs9xeMjTSrD34IfAOWQIx7Dtz2kAH/view?usp=drive_link

Azure App Service - Form Builder Web App





Azure Monitor Service - Push Alert Notification to Email and Azure App whenever the Form Builder web app service stops



Email Notification



Gayathri S <gayathriselvaraj4@gmail.com>

Fired:Sev4 Azure Monitor Alert App Status on formbuilder-azure (microsoft.web/sites) at 10/28/2023 11:22:19 AM

Microsoft Azure <azure-noreply@microsoft.com>
To: gayathriselvaraj4@gmail.com

Sat, Oct 28, 2023 at 4:52 PM



Fired:Sev4 Azure Monitor Alert App Status on formbuilder-azure (microsoft.web/sites) at 10/28/2023 11:22:19 AM

[View the alert in Azure Monitor >](#)

Summary

Alert name	App Status
Severity	Sev4
Monitor condition	Fired
Affected resource	formbuilder-azure
Resource type	microsoft.web/sites
Resource group	azure-rg
Description	Stopped
Monitoring service	Activity Log - Administrative
Signal type	Activity Log
Fired time	October 28, 2023 11:22 UTC
Alert ID	1ed87e92-ecbc-5ccd-3cf7-0e70c397f000

Channels	Operation
Level	Informational
Caller	gayathriselvaraj4@gmail.com
Event data ID	48fe4bd3-a9ee-48eb-8ed8-7f10a598b2e5
Activity log event description	
Status	Succeeded
Operation ID	206456ff-f579-4ea7-bf03-241326a246e8
Operation name	Microsoft.Web/sites/stop/action
Authorization - Action	Microsoft.Web/sites/stop/action

Azure App Notification

← Alert details

Alert name
App Status

Status
Fired 

 Web app
formbuilder-azure 

User response
New [Change](#)

Severity
Sev 4

Monitor service
Activity Log - Administrative

Signal type
Log

History

 Fired Today 16:52

