







23th Jan

A. SQL database creation on Azure

Microsoft Azure

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Create SQL Database

Microsoft

✖ Basics

Networking


Security

Additional settings


Tags

Review + create

Create a SQL database with your preferred configurations. Complete the Basics tab then go to Review + Create to provision with smart defaults, or visit each tab to customize. [Learn more](#)

 Want to try Azure SQL Database for free? Create a free serverless database with the first 100,000 vCore seconds, 32GB of data, and 32GB of backup storage free per month for the lifetime of the subscription. [Learn more](#)

Apply offer (Preview)

 Lower, simplified pricing for SQL Database Hyperscale starts from 15th of December 2023. [Learn more](#)

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and

Review + create

Next : Networking >

Create S x

Install ti x

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Use the x

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L&T Pro

portal.azure.com/#create/Microsoft.SQLDatabase

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Customize additional configuration parameters including collation & sample data.

Data source

Start with a blank database, restore from a backup or select sample data to populate your new database.

Use existing data *

None

Backup

Sample


Database collation

Database collation defines the rules that sort and compare data, and cannot be changed after database creation. The default database collation is SQL_Latin1_General_CP1_CI_AS. [Learn more](#)

Collation * ⓘ

SQL_Latin1_General_CP1_CI_AS

[Find a collation](#)



Cost summary

General Purpose (GP_S_Gen5_1)	
Cost per GB (in INR)	9.03
Max storage selected (in GB)	x 41.6
ESTIMATED STORAGE COST / MONTH	375.71 INR
COMPUTE COST / VCORE SECOND ¹	0.011382 INR

Review + create

< Previous

Next : Tags >

Microsoft Azure

Home > Microsoft.SQLDatabase.newDatabaseNewServer_7105764f165640ee9d579 | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name : Microsoft.SQLDatabase.newD... Start time : 1/24/2024, 5:02:35 PM
Subscription : AZ MSSQL Training Correlation ID : f42715d5-5371-4f87-a60b-5b...
Resource group : 23rdJan

> Deployment details

Next steps

[Go to resource](#)

Give feedback

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Connection with DBeaver

DBeaver 23.3.0 - sqlwastaken.databas

File Edit Navigate Search SQL Edit

Database Navigator Projects

Enter a part of object name here

db1 - sqlwastaken.database.wi

DBeaver Sample Database (SQLit

sqlwastaken.database.windows.n

Microsoft SQL Server

SQL Server Connection Settings

MS SQL Server / SQL Server connection settings

Main Driver properties SSH SSL + Network configurations...

Server

Connect by: ☒ Host ☐ URL

URL: jdbc:sqlserver://;serverName=sqlwastaken.database.windows.net;databaseName=

Host: sqlwastaken.database.windows.net Port: 1433

Database/Schema: db1

Authentication

Authentication: SQL Server Authentication

Username: azureuser

Password: Save password

Settings

☐ Show All Schemas

☐ Trust Server Certificate

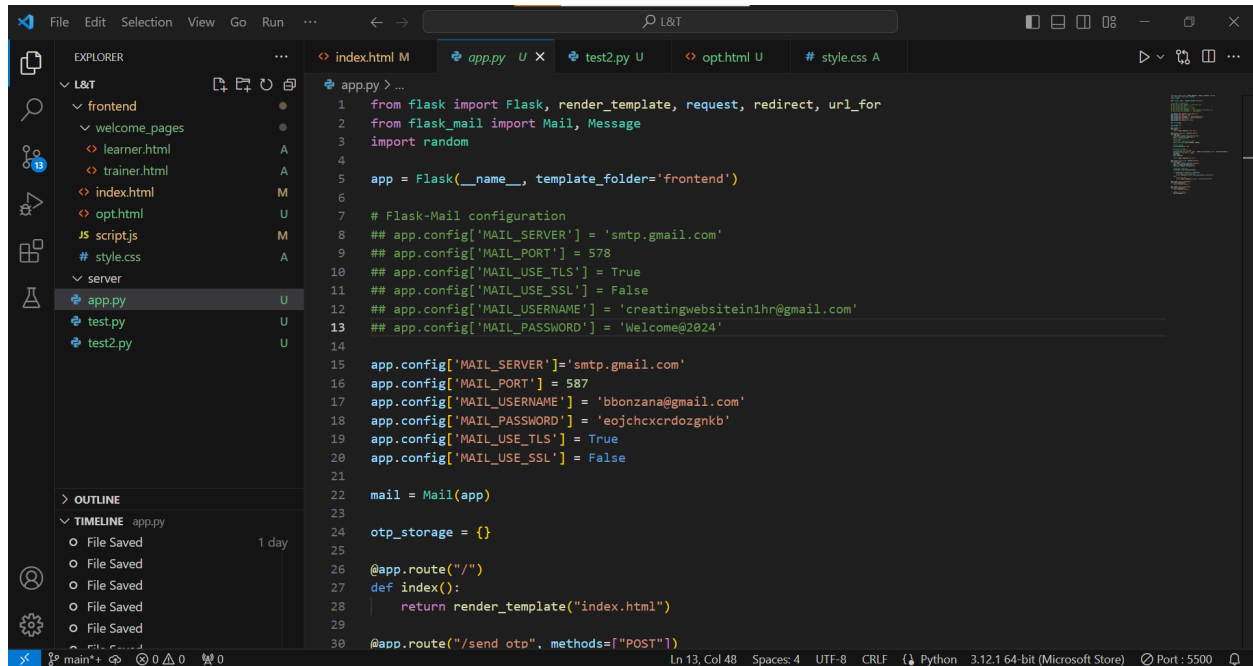
[You can use variables in connection parameters.](#) Connection details (name, type, ...)

Driver name: MS SQL Server / SQL Server Driver Settings Driver license

Test Connection ... < Back Next > Finish Cancel

Getting started Monitoring Properties Features Notifications (0) Integrations Tutorials

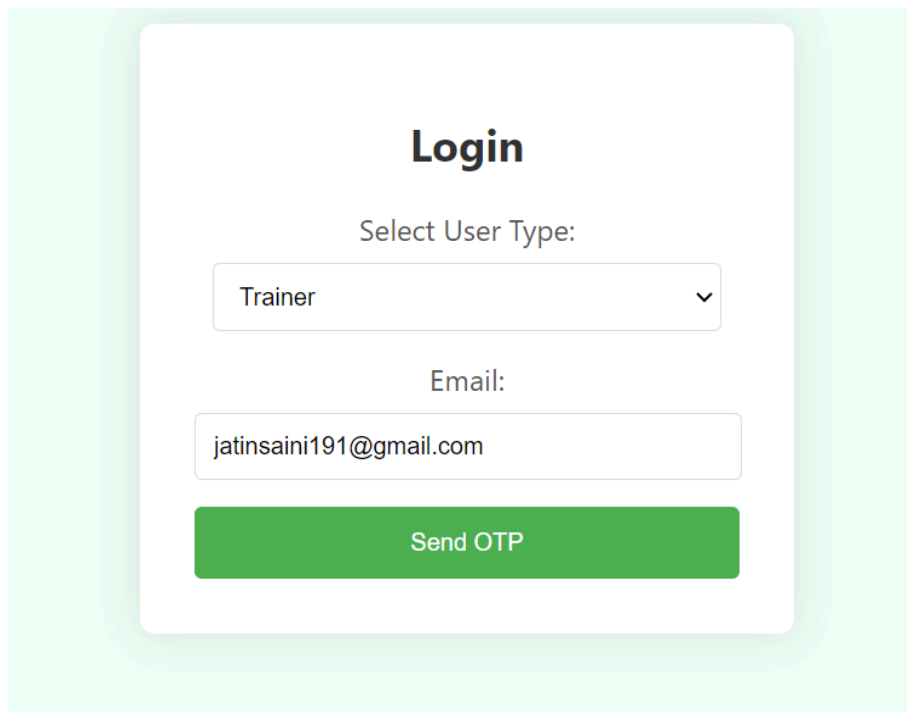
B. Flask-Mail Integration on the Login page to send OTP



The screenshot shows a VS Code editor with the following components:

- EXPLORER:** A file tree on the left showing the project structure. The 'server' folder is expanded, showing 'app.py', 'test.py', and 'test2.py'. 'app.py' is selected.
- EDITOR:** The main area showing the code in 'app.py'. The code implements Flask-Mail integration for sending OTPs.
- STATUS BAR:** At the bottom, it shows 'Ln 13, Col 48', 'Spaces: 4', 'UTF-8', 'CRLF', 'Python', '3.12.1 64-bit (Microsoft Store)', and 'Port: 5500'.

```
1 from flask import Flask, render_template, request, redirect, url_for
2 from flask_mail import Mail, Message
3 import random
4
5 app = Flask(__name__, template_folder='frontend')
6
7 # Flask-Mail configuration
8 ## app.config['MAIL_SERVER'] = 'smtp.gmail.com'
9 ## app.config['MAIL_PORT'] = 578
10 ## app.config['MAIL_USE_TLS'] = True
11 ## app.config['MAIL_USE_SSL'] = False
12 ## app.config['MAIL_USERNAME'] = 'creatingwebsitein1hr@gmail.com'
13 ## app.config['MAIL_PASSWORD'] = 'Welcome@2024'
14
15 app.config['MAIL_SERVER']='smtp.gmail.com'
16 app.config['MAIL_PORT'] = 587
17 app.config['MAIL_USERNAME'] = 'bbonzana@gmail.com'
18 app.config['MAIL_PASSWORD'] = 'eojchcxcrdozgnkb'
19 app.config['MAIL_USE_TLS'] = True
20 app.config['MAIL_USE_SSL'] = False
21
22 mail = Mail(app)
23
24 otp_storage = {}
25
26 @app.route("/")
27 def index():
28     return render_template("index.html")
29
30 @app.route("/send_otp", methods=['POST'])
```



The login form is displayed on a light green background. It contains the following elements:

- Header:** The word "Login" in a large, bold, black font.
- Label:** "Select User Type:" in a black font.
- Dropdown:** A white dropdown menu with a black border and a downward arrow, currently showing "Trainer".
- Label:** "Email:" in a black font.
- Input:** A white text input field with a black border containing the email "jatinsaini191@gmail.com".
- Button:** A green button with the text "Send OTP" in white.

OTP was sent Successfully

