

**Ruhan khandakar**

1 year ago



## Add Remove Input Fields Dynamically with JQuery Ajax Python Flask and...



In this video I will show you how to Dynamically Remove Input Fields with JQuery Ajax Python Flask and PostgreSQL

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### Source Code

#### app.py

```
#app.py
from flask import Flask, render_template, jsonify, request
import psycopg2 #pip install psycopg2
import psycopg2.extras

app = Flask(__name__)
```



```

DB_HOST = "localhost"
DB_NAME = "sampledb"
DB_USER = "postgres"
DB_PASS = "admin"

conn = psycopg2.connect(dbname=DB_NAME, user=DB_USER, password=DB_PASS, host=DB_HOST)

@app.route('/')
def index():
    return render_template('index.html')

@app.route("/postskill",methods=["POST","GET"])
def postskill():
    cur = conn.cursor(cursor_factory=psycopg2.extras.DictCursor)
    if request.method == 'POST':
        skills = request.form.getlist('skill[]')
        for value in skills:
            cur.execute("INSERT INTO skills (skillname) VALUES (%s)",[value])
            conn.commit()
        cur.close()
        msg = 'New record created successfully'
    return jsonify(msg)

if __name__ == "__main__":
    app.run(debug=True)

```

## templates/index.html

```

//templates/index.html
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Add Remove Input Fields Dynamically with JQuery Ajax Python Flask and PostgreSQL
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootst
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></scr

```



```
<body>
  <script>
$(document).ready(function() {

var MaxInputs      = 8; //maximum input boxes allowed
var InputsWrapper  = $("#InputsWrapper"); //Input boxes wrapper ID
var AddButton      = $("#AddMoreFileBox"); //Add button ID

var x = InputsWrapper.length; //initlal text box count
var FieldCount=1; //to keep track of text box added

$(AddButton).click(function (e)  //on add input button click
{
    if(x <= MaxInputs) //max input box allowed
    {
        FieldCount++; //text box added increment
        //add input box
        $(InputsWrapper).append('<div class="row"><p class="col-xs-6"><input type="text
        x++; //text box increment
    }
    return false;
});

$("body").on("click",".removeclass", function(e){ //user click on remove text
    if( x > 1 ) {
        $(this).parent('div').remove(); //remove text box
        x--; //decrement textbox
    }
    return false;
})

$('#submit').click(function(){
    $.ajax({
        url:"/postskill",
        method:"POST",
        data:$('#add_skills').serialize(),
        success:function(data)
        { alert(data)
          $('#resultbox').html(data);
          $('#add_skills')[0].reset();
        }
    })
})
```



```
});
</script>
<style>
.row {padding:10px;}
</style>
<div class="container"><br /> <br />
    <h2 align="center">Add Remove Input Fields Dynamically with JQuery Ajax Python Flas
    <div class="form-group">
        <form name="add_skills" id="add_skills">
            <div id="InputsWrapper">
                <div class="row">
                    <div class="col-xs-6"><input type="text" name="skill[]" placeholder="En
                    <div class="col-xs-6"><button type="button" name="add" id="AddMoreFileB
                </div>
            </div>
            <br/>
            <input type="button" name="submit" id="submit" class="btn btn-info" value="Subm
        </form>
    </div>
</div>
</body>
</html>
```

#python #postgresql

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## How to Dynamically Remove Input Fields with Python Flask and PostgreSQL

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