

Github repo - <https://github.com/Standby-Coder/DevOpsTraining>

1)

```
127.0.0.1:5001/api
pretty-print

{
  "Item": "1",
  "Price": "0.50",
  "Product": "Apple",
  "Quantity": "100"
},
{
  "Item": "2",
  "Price": "0.30",
  "Product": "Banana",
  "Quantity": "150"
},
{
  "Item": "3",
  "Price": "0.75",
  "Product": "Cherry",
  "Quantity": "200"
},
{
  "Item": "4",
  "Price": "1.00",
  "Product": "Date",
  "Quantity": "50"
},
{
  "Item": "5",
  "Price": "1.50",
  "Product": "Elderberry",
  "Quantity": "30"
},
{
  "Item": "6",
  "Price": "0.80",
  "Product": "Fig",
  "Quantity": "120"
},
{
  "Item": "7",
  "Price": "0.60",
  "Product": "Grape",
  "Quantity": "90"
},
{
  "Item": "8",
  "Price": "1.20",
  "Product": "Honeydew",
  "Quantity": "60"
},
{
  "Item": "9",
  "Price": "0.90",
  "Product": "Kiwi",
  "Quantity": "80"
},
{
  "Item": "10",
  "Price": "0.40",
  "Product": "Lemon",
  "Quantity": "110"
},
{
  "Item": "11",
  "Price": "1.10",
  "Product": "Mango",
  "Quantity": "70"
}
```

2)

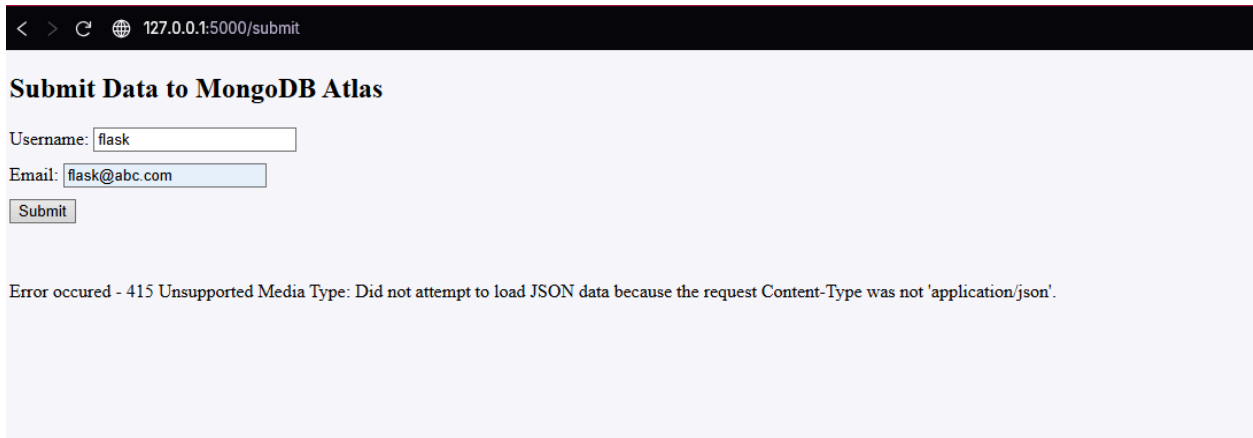
```
127.0.0.1:5000

Submit Data to MongoDB Atlas

Username: 
Email: 

```

Error 1 - Wrong way to input form data



Submit Data to MongoDB Atlas

Username:

Email:

Error occurred - 415 Unsupported Media Type: Did not attempt to load JSON data because the request Content-Type was not 'application/json'.

Error caused due to having wrong format for accepting form data in API handler

request.json instead of request.form

```
@app.route('/submit', methods=['POST'])
def submit_data():
    try:
        username = request.json.get('username')
        email = request.json.get('email')

        collection.insert_one({
            'username': username,
            'email': email
        })

        return jsonify({"message": "Data submitted successfully"}), 200
    except Exception as e:
        return render_template('index.html', error=str(e)), 500
```

Intended addition of error to show how error is being displayed.

Error 2 - Revoked access to MongoDB

Submit Data to MongoDB Atlas

Username:

Email:

Error occurred - SSL handshake failed: ac-okfnvuw-shard-00-00.uqjivvn.mongodb.net:27017: [SSL: TLSV1_ALERT_INTERNAL_ERROR] tlsv1 alert internal error (_ssl.c:1000) (configured timeouts: socketTimeoutMS: 20000.0ms, connectTimeoutMS: 20000.0ms).SSL handshake failed: ac-okfnvuw-shard-00-01.uqjivvn.mongodb.net:27017: [SSL: TLSV1_ALERT_INTERNAL_ERROR] tlsv1 alert internal error (_ssl.c:1000) (configured timeouts: socketTimeoutMS: 20000.0ms, connectTimeoutMS: 20000.0ms).SSL handshake failed: ac-okfnvuw-shard-00-02.uqjivvn.mongodb.net:27017: [SSL: TLSV1_ALERT_INTERNAL_ERROR] tlsv1 alert internal error (_ssl.c:1000) (configured timeouts: socketTimeoutMS: 20000.0ms, connectTimeoutMS: 20000.0ms).Timeout: 30s, Topology Description: <TopologyDescription id: 68432e92142395d4209443b2, topology_type: ReplicaSetNoPrimary, servers: [<ServerDescription ('ac-okfnvuw-shard-00-00.uqjivvn.mongodb.net', 27017) server_type: Unknown, rtt: None, error=AutoReconnect('SSL handshake failed: ac-okfnvuw-shard-00-00.uqjivvn.mongodb.net:27017: [SSL: TLSV1_ALERT_INTERNAL_ERROR] tlsv1 alert internal error (_ssl.c:1000) (configured timeouts: socketTimeoutMS: 20000.0ms, connectTimeoutMS: 20000.0ms)')>, <ServerDescription ('ac-okfnvuw-shard-00-01.uqjivvn.mongodb.net', 27017) server_type: Unknown, rtt: None, error=AutoReconnect('SSL handshake failed: ac-okfnvuw-shard-00-01.uqjivvn.mongodb.net:27017: [SSL: TLSV1_ALERT_INTERNAL_ERROR] tlsv1 alert internal error (_ssl.c:1000) (configured timeouts: socketTimeoutMS: 20000.0ms, connectTimeoutMS: 20000.0ms)')>, <ServerDescription ('ac-okfnvuw-shard-00-02.uqjivvn.mongodb.net', 27017) server_type: Unknown, rtt: None, error=AutoReconnect('SSL handshake failed: ac-okfnvuw-shard-00-02.uqjivvn.mongodb.net:27017: [SSL: TLSV1_ALERT_INTERNAL_ERROR] tlsv1 alert internal error (_ssl.c:1000) (configured timeouts: socketTimeoutMS: 20000.0ms, connectTimeoutMS: 20000.0ms)')>]>

Success -

Step 1 -

< > ↺ 🌐 127.0.0.1:5000

Submit Data to MongoDB Atlas

Username:

Email:

< > ↺ 🌐 127.0.0.1:5000/submit

Data Submitted Successfully

Your data has been successfully submitted to MongoDB Atlas.

[Go back to the form](#)

Clicking on “Go back to the form” returns to “/”

▼ test

data

Find

Indexes

Schema Anti-Patterns

Aggregation

Search Indexes

Generate queries from natural language in Compass

Filter

Type a query: { field: 'value' }

QUERY RESULTS: 1-1 OF 1

```
_id: ObjectId('684330e347c133c75ca5d940')
username : "abc"
email : "abc@abc.com"
```