**Creating a Serverless API**

**Objective**: Develop a serverless API using AWS Lambda and API Gateway.

**Approach**:

* **Define API**: Design a simple RESTful API (e.g., for a todo list application).
* **Lambda Functions**: Create Lambda functions for each API method (GET, POST, PUT, DELETE).
* **API Gateway Setup**: Use API Gateway to set up the API endpoints, connecting each endpoint to the corresponding Lambda function.
* **Testing**: Test the API using tools like Postman or AWS API Gateway test functionality.

**Goal**: Gain hands-on experience in building and deploying a serverless API, understanding the integration between Lambda and API Gateway.

Steps:

1. Develop Lambda functions for GET, POST, PUT, and DELETE operations.
2. Create rest- api, create resources
3. Create method for get,put,delete and post api
4. Test API
5. Deploy the API and test it on web



