



A screenshot of a web form titled "Student Details Form". The form is centered on a light gray background. It contains seven input fields, each preceded by a label: "ID:", "Name:", "CGPA:", "Mobile:", "Email:", and "Blood Group:". Each label is in a small, dark font. The input fields are white with a thin gray border. Below the last input field is a blue button with the word "Submit" in white text.

To create a comprehensive API in API Gateway, define both GET and POST methods for student details. In the POST method, handle student registration by accepting the fields (Id, name, cgpa, mobile, email, blood group) and storing them in DynamoDB using a Lambda function. For the GET method, configure it to retrieve student details based on the unique Student ID from DynamoDB, utilizing another Lambda function. Ensure the API Gateway is connected to the respective Lambda functions for seamless integration. This approach enables users to register new students using the POST method and retrieve student details using the GET method by specifying the unique Student ID, enhancing the API's functionality and usability.

- Same as Skill – 8 and Skill - 9