Connect A Web App With Aurora

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Introducing Today's Project!

What is Amazon Aurora?

Amazon Aurora manages relational database service by AWS and is compatible with MySQL and PostgreSQL. It offers high performance, scalability, and availability at a fraction of the cost of traditional databases, making it ideal for cloud-based apps.

How I used Amazon Aurora in this project

I used Amazon Aurora to connect to a web app. by connecting the EC2 instance and then connecting the web for storing the data. This means I could enter data through our browser (loading the web app), and see updates in the backend database

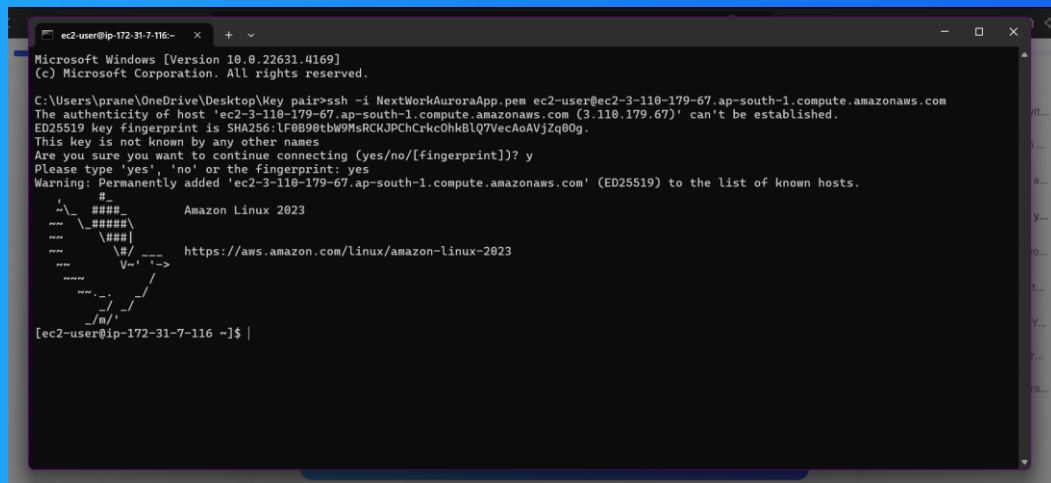## One thing I didn't expect in this project was...

I didn't expect the error Permission Denied error for SamplePage.php but later it was easy to solve by using the sudo command.

This project took me...

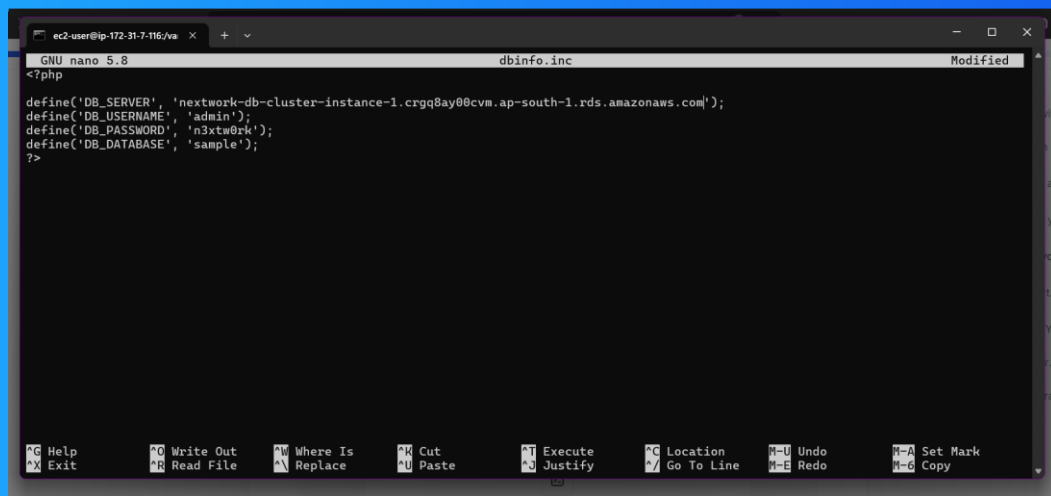It took me 1.6 hours to complete.

Creating a Web App

To help me create my web app, I first updated the software and then installed the Apache server and install phpMySQL, and MariaDB. Then we give HTTP access for all systems.

To connect to my EC2 instance, I opened cmd on my Windows PC and then gave the SSH command to connect through an EC2 instance and to access .pem file. Yeah, that's it connected to the EC2.
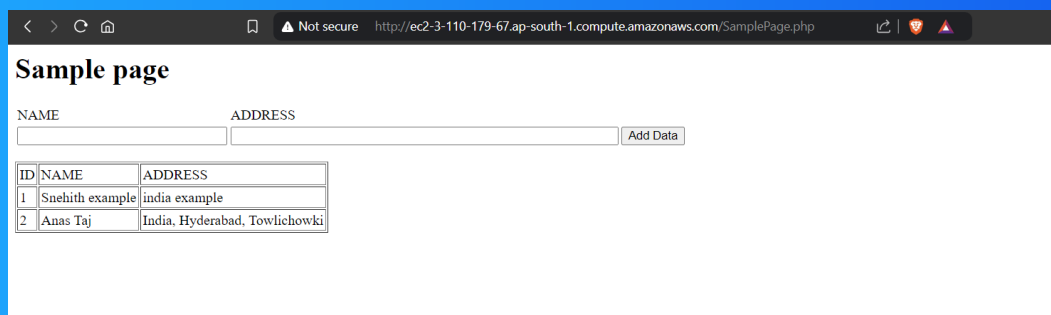
Connecting my Web App to Aurora

I set up my EC2 instance's connection details to my database by creating a folder where store the file of the PHP script for running the web app.

To connect to my EC2 instance, I opened cmd on my Windows PC and then gave the SSH command to connect through an EC2 instance and to access .pem file. Yeah, that's it connected to the EC2.

My Web App Upgrade

Next, I upgraded my web app by creating a PHP file that includes a connection to a database and then adding a basic front-end code to store the data of the user.

Testing my Web App

To make sure my web app was working correctly, I downloaded the software "MySQL CLI" That lets us run the SQL queries in the command line. Which actually shows the data table as given in the Sample page.

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