



Connect A Web App with Aurora



Gaius Erzoah

Sample page

NAME	ADDRESS	
<input type="text"/>	<input type="text"/>	
<input type="button" value="Add Data"/>		
ID	NAME	ADDRESS
1	Joe	ashtech.org



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Introducing Today's Project!

What is Amazon Aurora?

Amazon Aurora is an AWS resource that helps us create Databases and run on the cloud. It is important of its high Availability and Durability.

How I used Amazon Aurora in this project

I used it to create the Database for my Web App

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

The amount of knowledge I accumulated and how it wasn't as difficult as I thought it would be

This project took me...

An hour



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Creating a Web App

A screenshot of a Windows terminal window titled 'cmd'. The command entered is 'ssh -i NextworkAuroraApp.pem ec2-user@ec2-35-92-119-20.us-west-2.compute.amazonaws.com'. The output shows a warning about host key fingerprint mismatch, asking if the user wants to continue connecting. The user has responded 'yes'. Below the warning, the Amazon Linux 2023 logo is displayed, followed by the URL 'https://aws.amazon.com/linux/amazon-linux-2023'. The prompt '[ec2-user@ip-172-31-24-170 ~]\$' is visible at the bottom.

To help me create my web app, I first had to install updates and make sure my system is up to date

To connect to my EC2 instance, I used my .pem file I generated to SSH into it



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Connecting my Web App to Aurora

```
ec2-user@ip-172-31-16-139:~/var/www/inc
GNU nano 5.8                               dbinfo.inc
<?php
define('DB_SERVER', 'network-db-cluster-instance-1.us-west-2.c7oqysiou0m.us-west-2.rds.amazonaws.com');
define('DB_USERNAME', 'admin');
define('DB_PASSWORD', 'nextwork2004');
define('DB_DATABASE', 'sample');
?>
```

I set up my EC2 instance's connection details to my database by a sub file and adding the details of the server, username, password and initial name

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My Web App Upgrade

Sample page

NAME	ADDRESS
<input type="text"/>	<input type="text"/>
<input type="button" value="Add Data"/>	

ID	NAME	ADDRESS
1	Joe	ashitech.org

Next, I upgraded my web app by reading the php scripy i added



Testing my Web App

To make sure my web app was working correctly, I run a test to see if the data I entered was saved and retrievable

```
MySQL [sample]> SELECT * FROM Employees;
+----+----+-----+
| ID | Name | Address |
+----+----+-----+
| 1  | Joe  | ashtech.org |
+----+----+-----+
1 row in set (0.001 sec)
```



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