NextWork.org

Connect A Web App with Aurora

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Introducing Today's Project!

What is Amazon Aurora?

Amazon Aurora is an AWS relational database service. This means data is stored in rows and columns, and Aurora specifically is great at handling high performance and high volume use case

How I used Amazon Aurora in this project

I used Amazon Aurora to connect to a web app! This means we could enter data through our browser(load the web app) and see updates in the backend Aurora database.

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

n/a

This project took me...

3 hours

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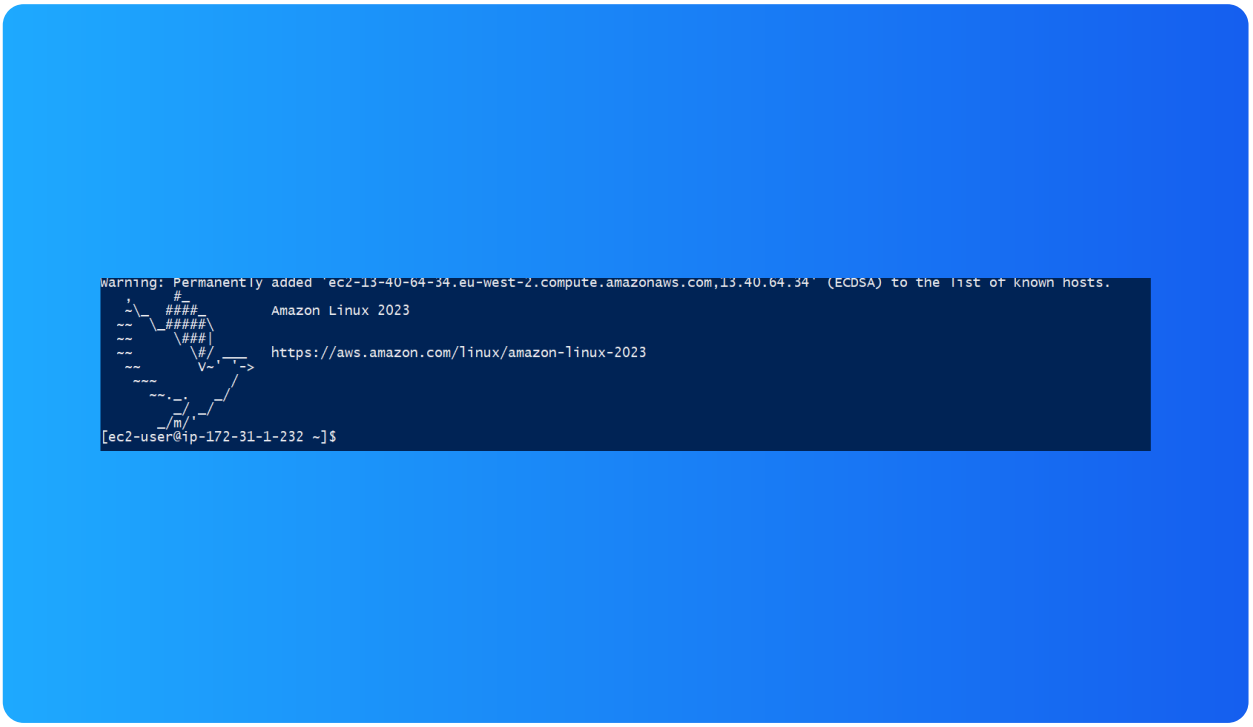
Creating a Web App



To help me create my web app, I first installed PHP, MariaDB, an Apache web server an apache, web server and php-mysql. These tools helped me set up a web server and the ability for my web app and Ec2 instance to interact with my database.

To connect to my EC2 instance, I used a key pair downloaded to my local computer. and used the key pair details to ssh into the ec2 instance from my local computer terminal

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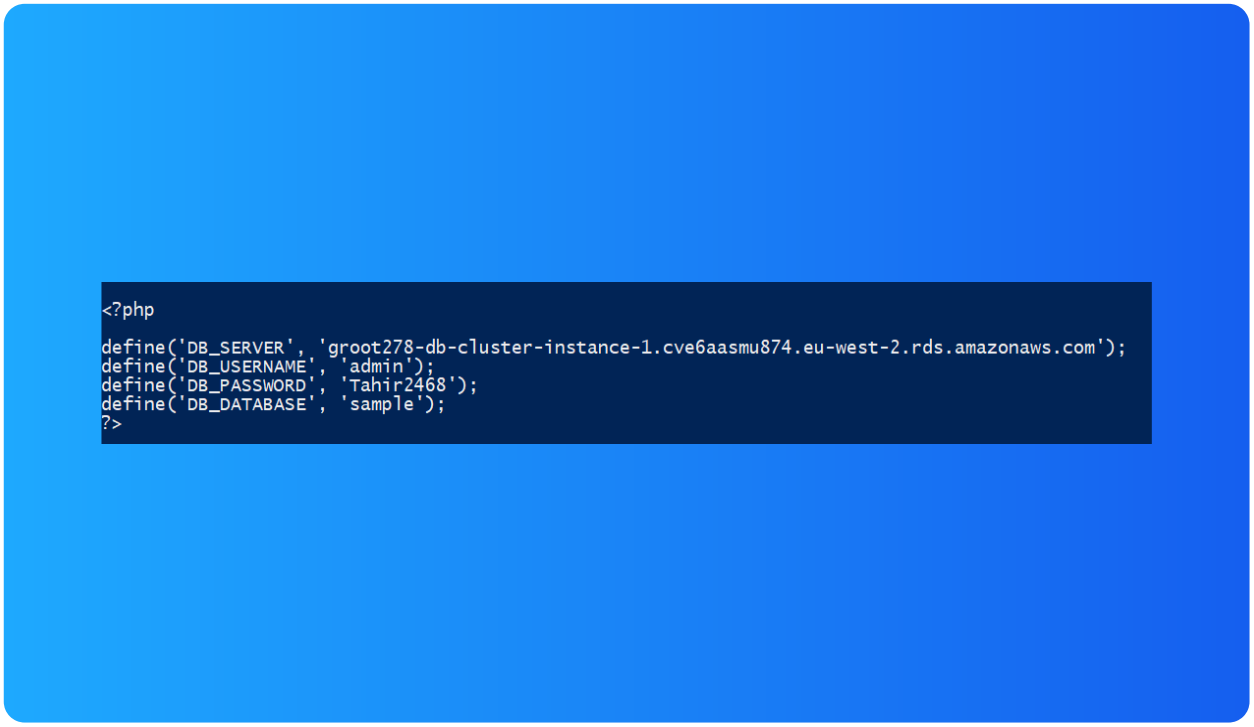
Connecting my Web App to Aurora



I set up the connection details for my EC2 instance to my database by creating a new file called dbinfo.inc and storing our databases's details e.g. username, password, endpoint. The EC2 instance can refer to this file for connection details.

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My Web App Upgrade

Next, I upgraded my web app by creating a new php file that includes a connection to a database and light frontend work that involves a submission form and a table

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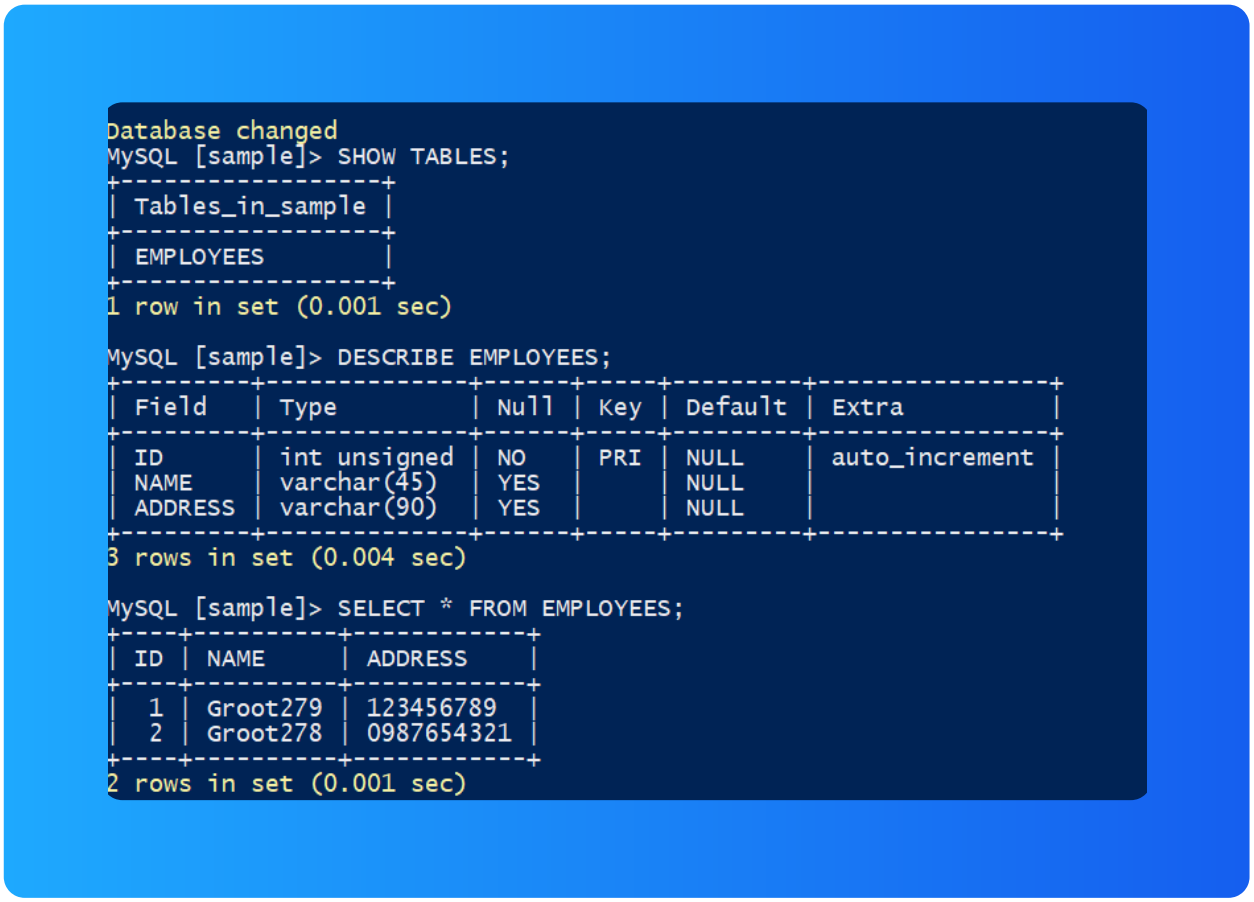
Testing my Web App

To make sure my web app was working correctly, I downloaded a software (MySQL CLI) that lets us run SQL queries in the command line. I ran queries that selected all data from a table in our database and verified that the table contained all input.



Everyone should be in a job they love.

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