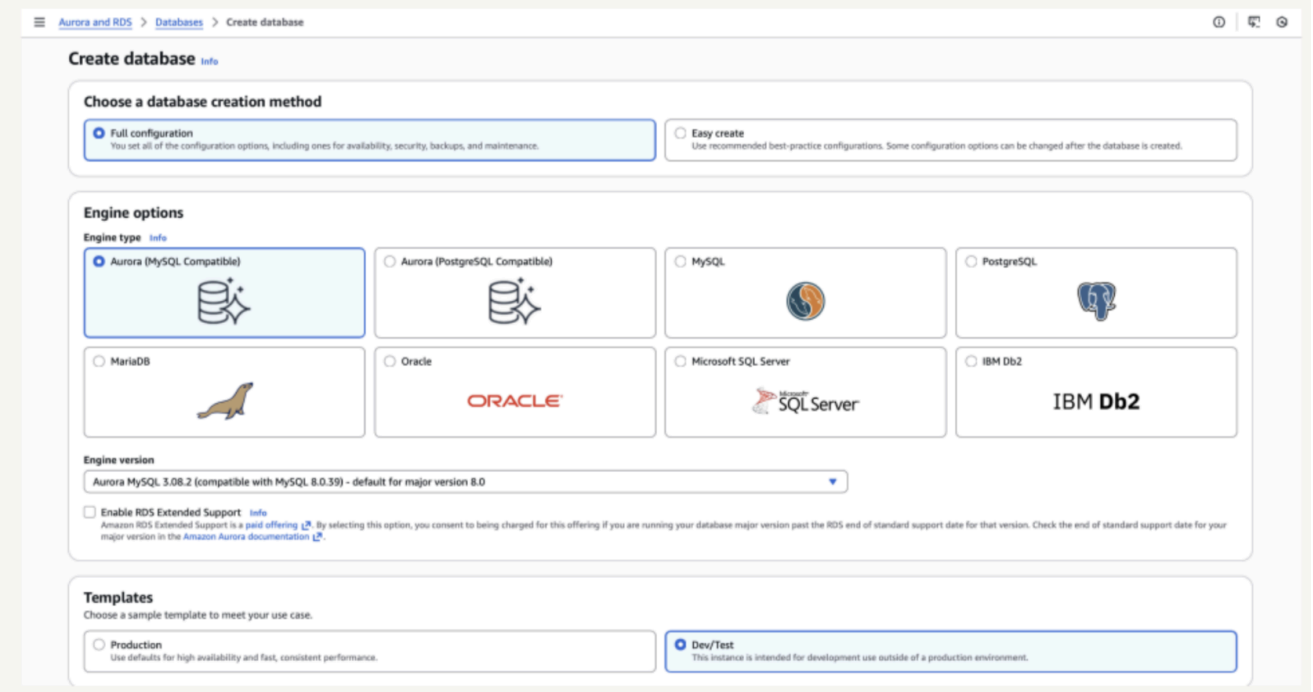
Connect a Web App to Amazon Aurora

Erik Gonzalez



Introducing Today's Project!

What is Amazon Aurora?

Amazon Aurora is a relational database and why it is useful because of the clusters which allow for large-scale applications.

How I used Amazon Aurora in this project

In today's project, I used Amazon Aurora to connect with an EC2 instance.

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

One thing I didn't expect in this project was how expensive it can be to run a database.

This project took me...

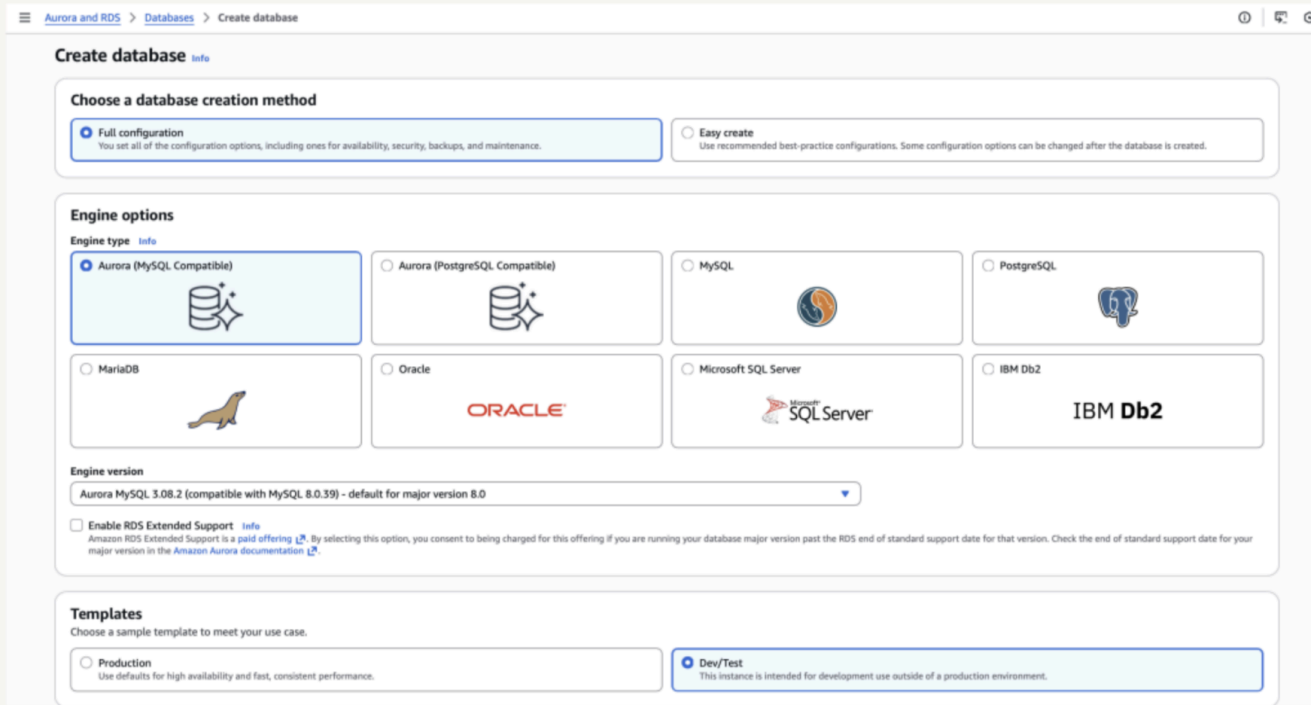
How much time did this project take you about an hour to complete.

In the first part of my project...

Creating an Aurora Cluster

A relational database is a type of database that organizes data into tables, which are collections of rows and columns. Kind of like a spreadsheet.

Aurora is a good choice when you have a large-scale application, perfect for relational databases. Aurora uses clusters which aare great for more efficient practices.



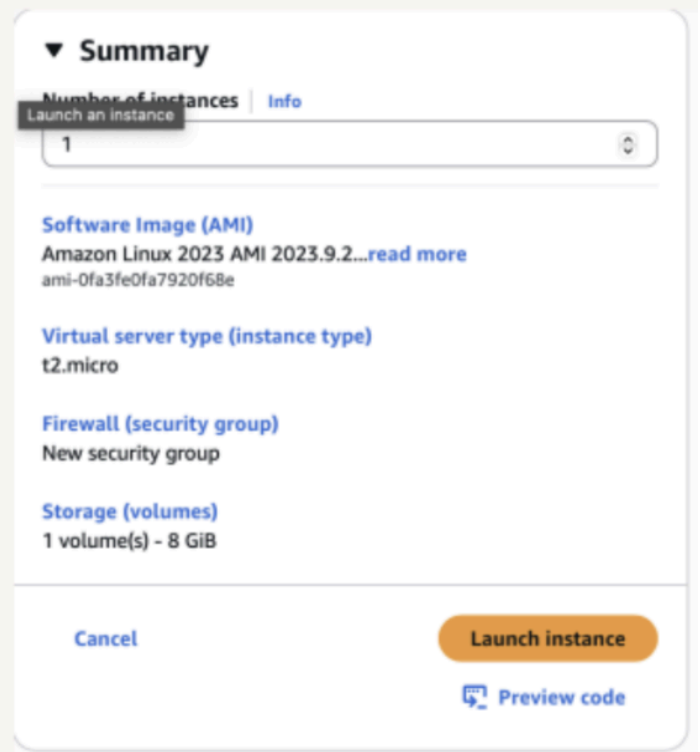
Halfway through I stopped!

I stopped creating my Aurora database because I need to create an EC2 Instance in order to connect my Aurora databases to it.

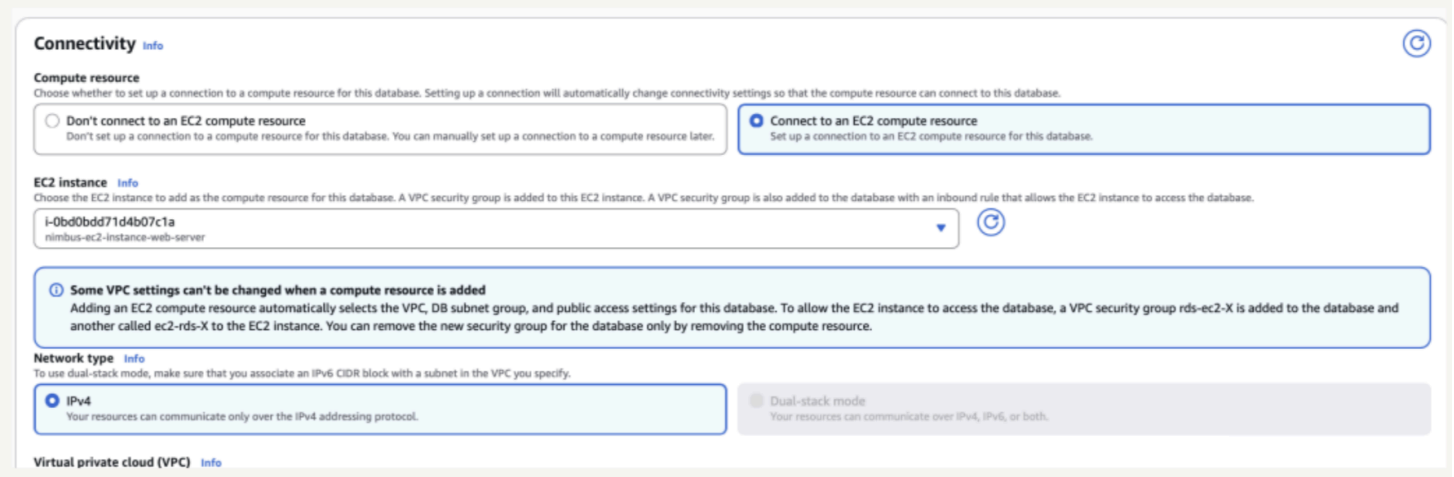
Features of my EC2 instance

I created a new key pair for my EC2 instance because an EC2 is the keys to access our EC2 instance. We need keys to our EC2 instance if we want to add, change, or update how our EC2 instance is running.

When I created my EC2 instance, I took particular note of the public IPv4 DNS address and names as well as the key pair name so that I know what I access to with the key pair.



Then I could finish setting up my database



Aurora Database uses clusters because it handles large-scale applications and operations. By using clusters, the database instances are separated by the kinds of operations (ie reader instance vs writer instance.)