



# Connect a Web App to Amazon Aurora



Nchindo Boris

AWS Management Console - eu-north-1.console.aws.amazon.com/rds/home?region=eu-north-1#launch-dbinstance:

Create database | Aurora and RDS | Create database

aws Search [Alt+S]

Account ID: 520F-4477-7962 NCHINDO-UDM-Admin

Europe (Stockholm)

Aurora and RDS > Create database

Engine

PostgreSQL

MariaDB

Oracle

Microsoft SQL Server

IBM Db2

ORACLE

IBM Db2

Engine version

Aurora MySQL 3.05.2 (compatible with MySQL 8.0.32)

Enable RDS Extended Support  Info

Amazon RDS Extended Support is a paid offering. By selecting this option, you consent to being charged for this offering if you are running your database major version past the RDS end-of-standard support date for that version. Check the end-of-standard support date for your major version in the Amazon Aurora documentation.

Templates

Choose a sample template to meet your use case.

Production

Use defaults for high availability and fast, consistent performance.

Dev/Test

This instance is intended for development use outside of a production environment.

CloudShell Feedback

Type here to search

21°C Heavy rain 09:38 09/08/2025



# Introducing Today's Project!

## What is Amazon Aurora?

Amazon Aurora is a fully managed, high-performance relational database engine developed by AWS and why it is useful because of its High Performance, Scalability, High Availability and much more

## How I used Amazon Aurora in this project

In this project, I used Amazon Aurora to Create an Amazon Aurora Database and connect it with Amazon EC2!

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

One thing I didn't expect in this project was for it to be an easy and handy project as it was.

## This project took me...

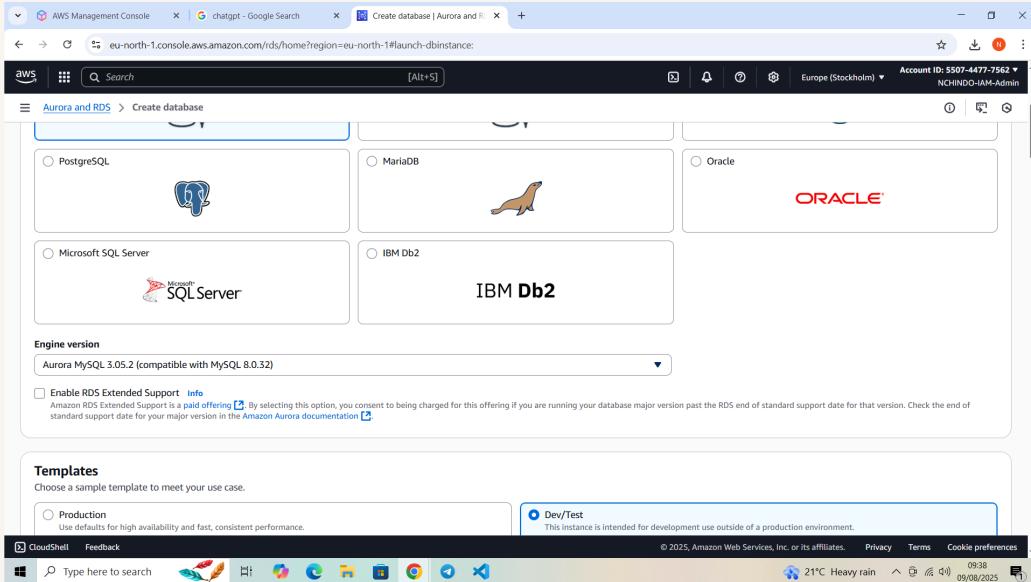
It took me 40 minutes to complete this project

# 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.

Aurora is a good choice when we needed something large-scale, with peak performance and uptime.



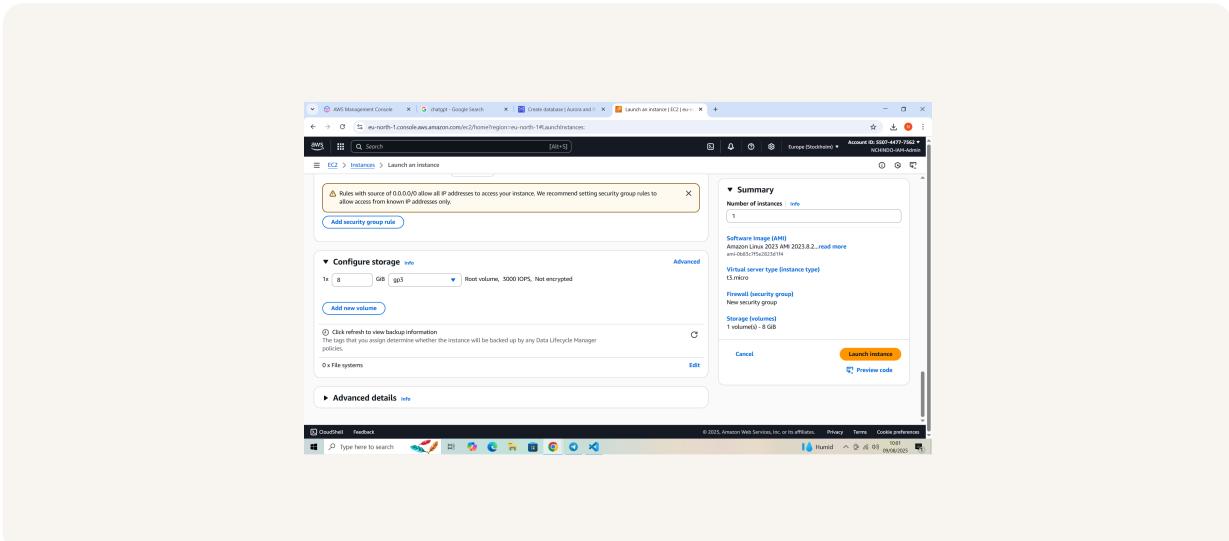
# Halfway through I stopped!

I stopped creating my Aurora database because I need to connect it to an EC2 instance and I haven't even created an EC2 instance. Let's do that first, then come back.

## Features of my EC2 instance

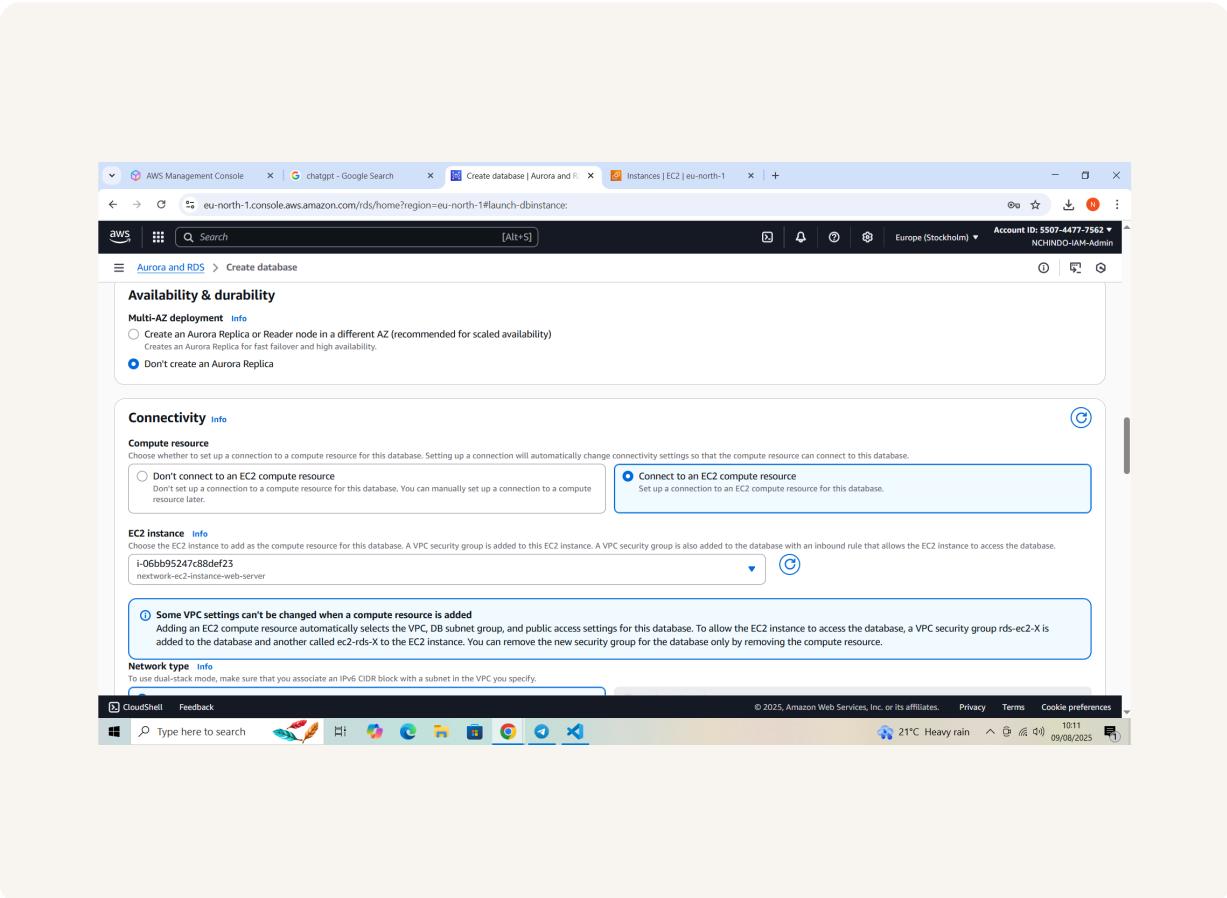
I created a new key pair for my EC2 instance because I will need to log into, add, change, or update how my EC2 instance is running

When I created my EC2 instance, I took particular note of Public IPv4 DNS and Key pair name. Both are critical for accessing our EC2 instance.





# Then I could finish setting up my database



Aurora Database uses clusters because clusters are groups of database copies that work together so my data is always available..



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