In order to get AWS working with the server & process-eng-app the following steps shall be done:

No DB (only Google Sheets for now).

1. Open AWS Console:   
   <https://us-east-2.console.aws.amazon.com/console/home?region=us-east-2>

Use root user to enter.

1. Type “EC2” at the search bar at the top.  
   Enter EC2 Dashboard.
2. At the left bar click “Instances”->”Launch Instances” (button).  
   This will take you to the creating new instance.  
   A screenshot of a computer

   AI-generated content may be incorrect.

Type name (ProductionEC2) and choose “Ubuntu”.  
A screenshot of a computer

AI-generated content may be incorrect.

Create new key pair (save downloaded file).

A screenshot of a computer screen

AI-generated content may be incorrect.

At the “Network settings” section check the “Allow HTTP traffic from the internet”.  
 Click “Launch instance”.A screenshot of a chat

AI-generated content may be incorrect.

1. Allocate “Elastic IP” and associate it to new instance.  
   Click “Elastic Ips” at the left bar:  
   A screenshot of a computer

   AI-generated content may be incorrect.

Allocate Elastic IP Address:  
A computer screen shot of a computer screen

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Check the Elastic IP just created and click “Associate Elastic IP address” at the “Actions” menu.  
Choose both name and private IP of the instance just created.

1. Go to “Instances”, check the just created instance and check that it has an Elastic IP” (scroll to the right).
2. With the checked instance click “Connect”.

New tab is open with the ubuntu cmd window. At the cmd wnd do:

1. Handling server

nano linux-server-ec2-establish.sh

*<Paste contents of linux-server-ec2-establish.sh (at source control, AWS folder)>*

*<Save and exit>*

chmod +x linux-server-ec2-establish.sh

./linux-server-ec2-establish.sh https://github.com/JuliaF929/ProductionRepo.git ProductionEC2 ProductionServer

sudo systemctl status ProductionServer.service –no-pager *#validation that the server is running*

cd /opt/ProductionEC2/server

nano .env

*<Paste contents of .env (at source control, server folder)>*

*<Save and exit>*

cd dal/sheets

nano productionapp-463314-77556795ce19.json *#google Sheets config file*

sudo systemctl daemon-reload

sudo systemctl restart ProductionServer.service *#restart the server*

1. Handling process-eng-app

cd /home/ubuntu

nano linux-process-eng-app-ec2-after-server-establish.sh

*<Paste contents of linux-process-eng-app-ec2-after-server-establish.sh (at source control, AWS folder)>*

*<Save and exit>*

chmod +x linux-process-eng-app-ec2-after-server-establish.sh

./linux-process-eng-app-ec2-after-server-establish.sh *"<put here the Elastic IP allocated>*" ProductionEC2 process-eng-app 5000

Open browser with:   
http://<Elastic IP>  
and enjoy playing 😉