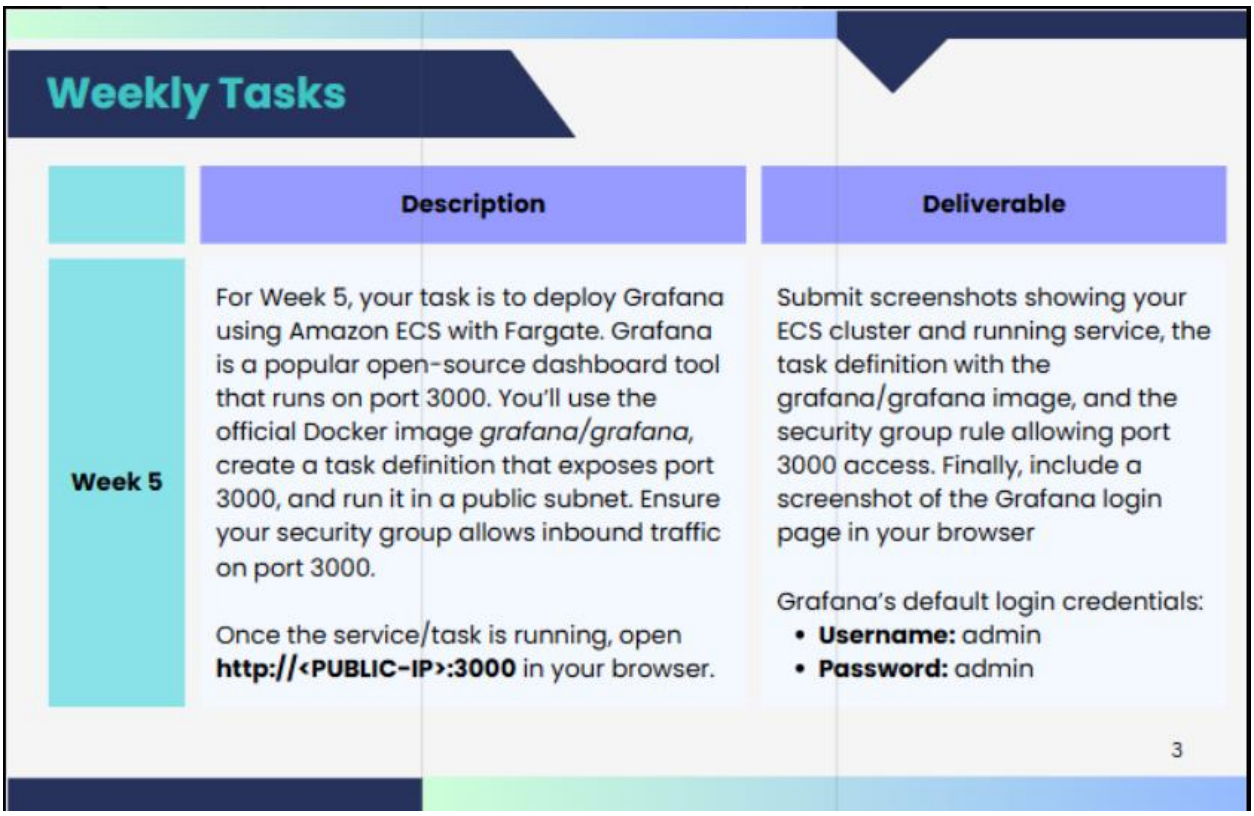
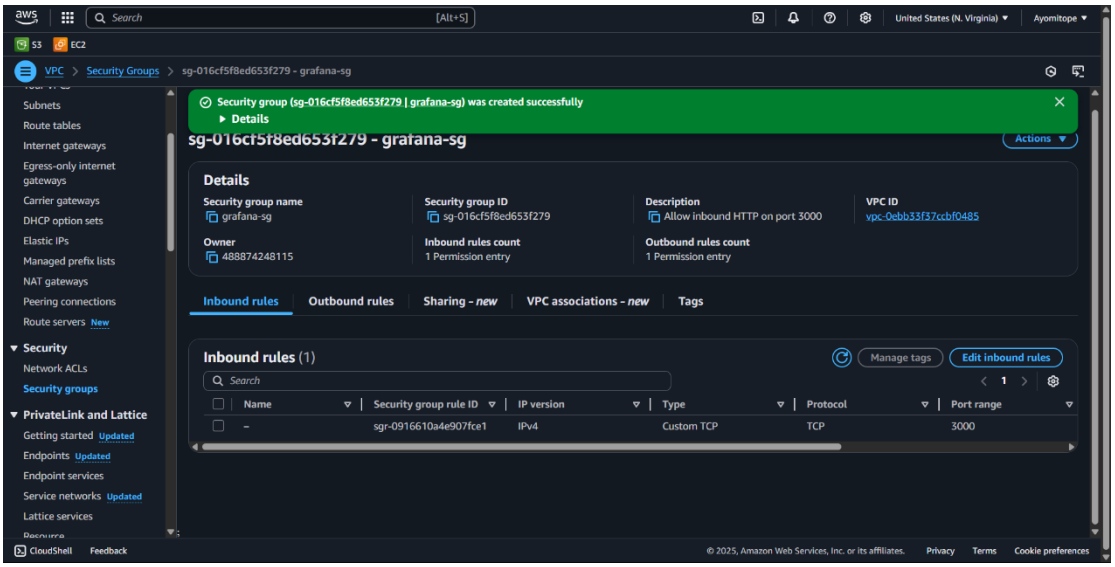


WEEK 5

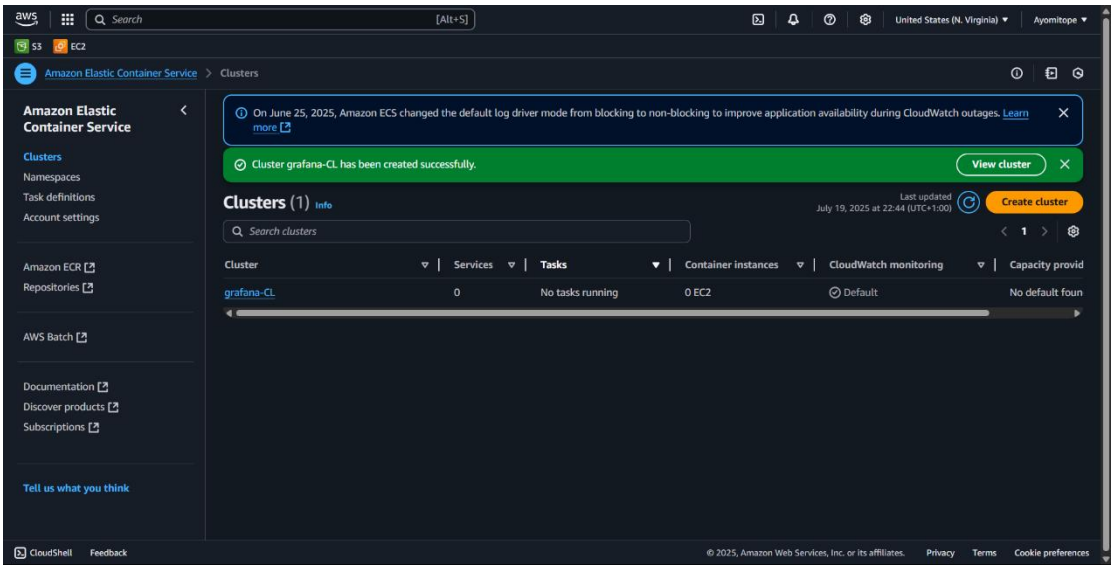
Created a Security Group

1. In the AWS Console, go to **VPC > Security Groups**.
2. Clicked **Create security group**.
    - Name: `grafana-sg`
    - Description: "Allow inbound HTTP on port 3000"
    - VPC: my *VPC*
3. Under **Inbound rules**, added:
    - Type: **Custom TCP**
    - Port range: **3000**
    - Source: **0.0.0.0/0**



Set Up an ECS Cluster

1. In the Console, navigated to **ECS > Clusters**.
2. Click **Create cluster** > **Networking only (Powered by AWS Fargate)**.
3. Named it `grafana-CL` and click **Create**.

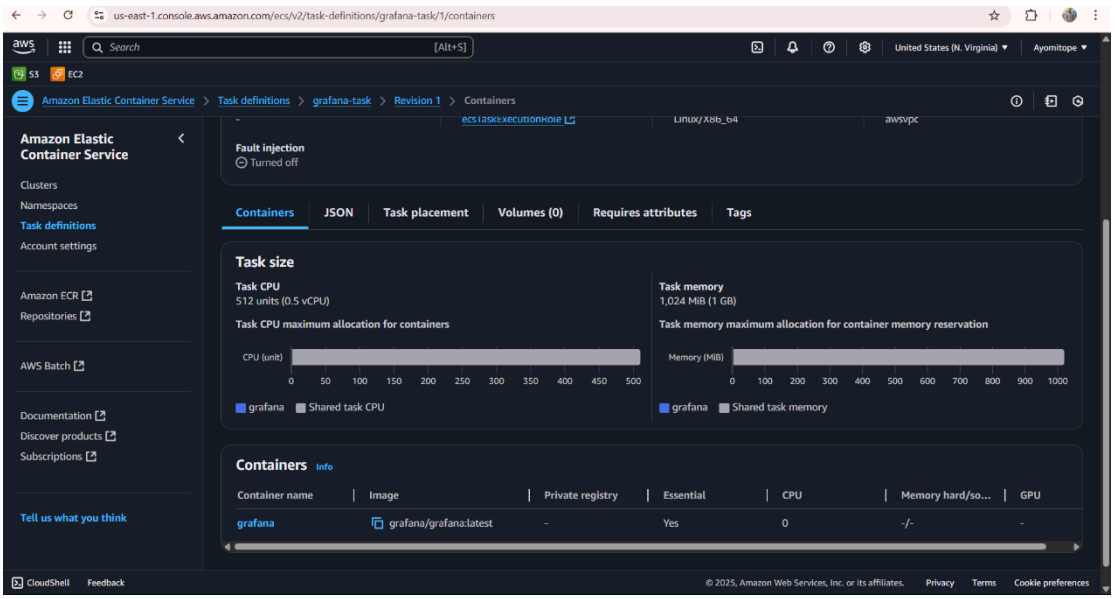


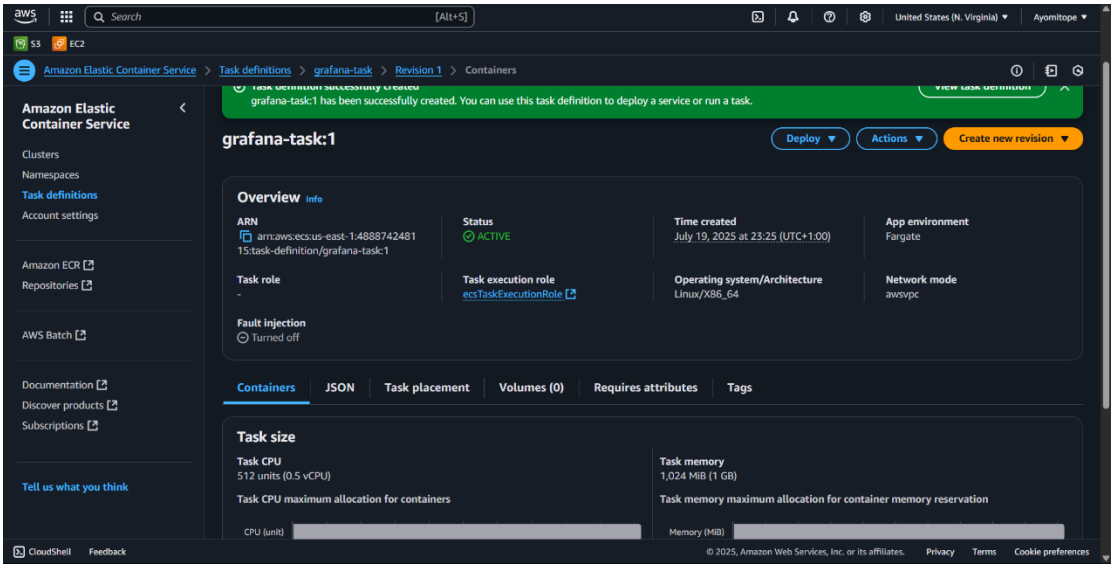
Define the Task Definition

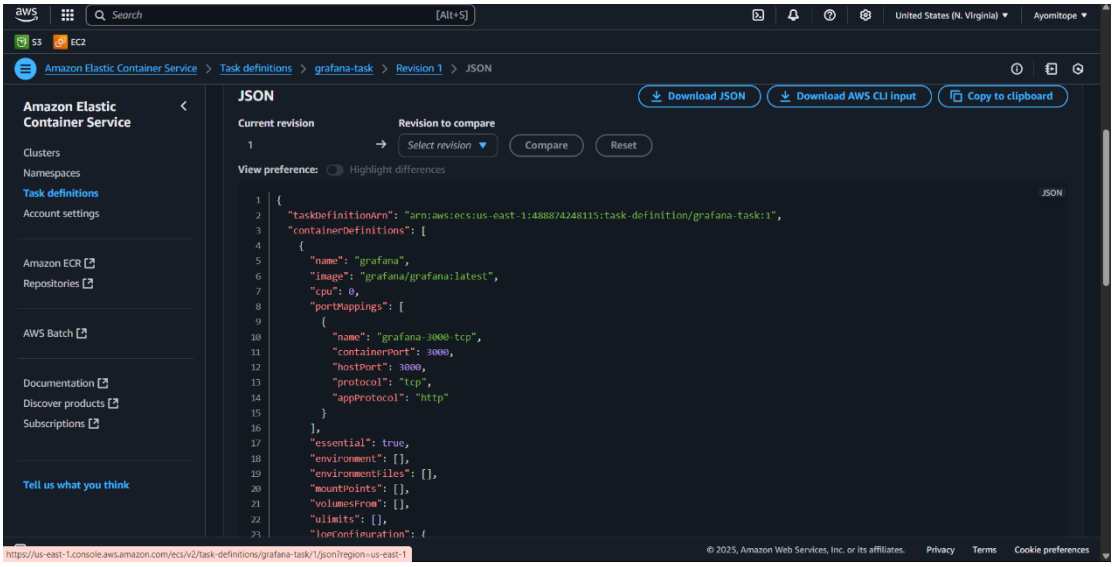
1. Go to **ECS > Task Definitions** > **Create new Task Definition**.
2. Choose **FARGATE**, click **Next**.
3. Configure:
    - Task Definition Name: `grafana-task`
    - Task Role: *leave blank*
    - Network Mode: `awsvpc`

    - CPU & Memory: e.g., **0.5 vCPU** (512 MiB) / **1 GB**
4. Under **Container definitions**, click **Add container**:

- Name: `grafana`
- Image: `grafana/grafana:latest`
- Port mappings:
    - Container port: `3000`
    - Protocol: `tcp`
- Click **Add** and then **Create** task definition

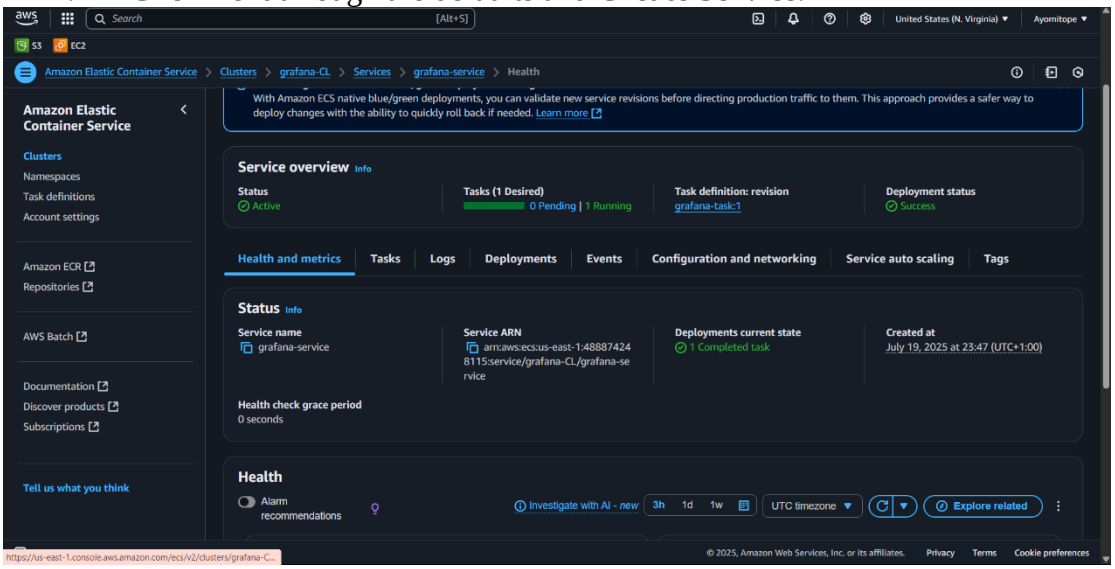






Run the Service

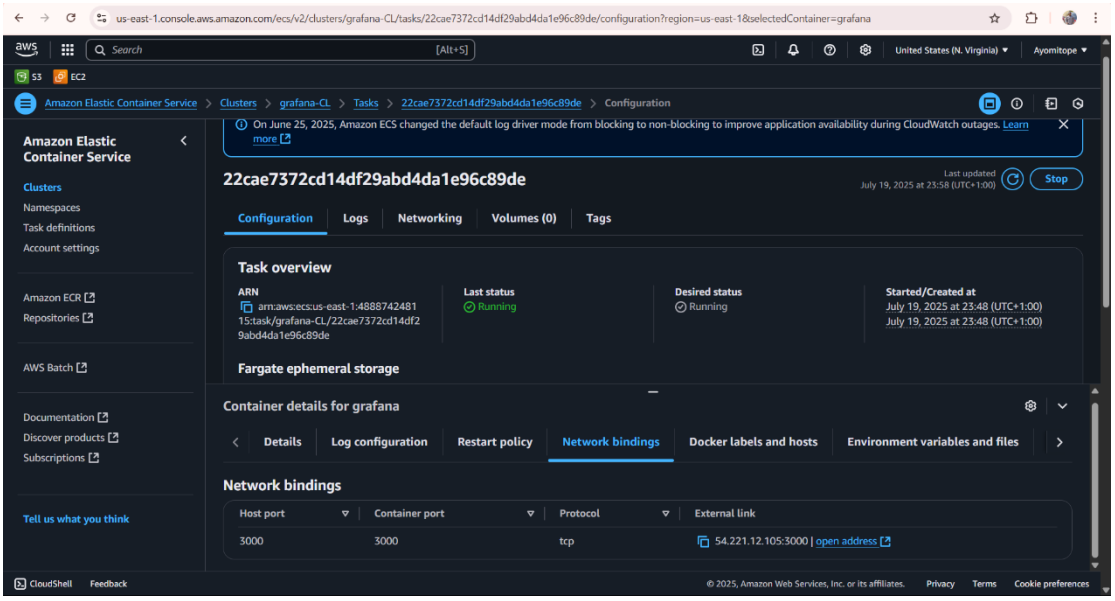
1. In your `grafana-CL` , click **Create** > **Create Service**.
2. Configure:
    - Launch type: **FARGATE**
    - Task Definition: `grafana-task`
    - Service name: `grafana-service`
    - Number of tasks: `1`
3. Under **Networking**:
    - VPC: My *VPC*
    - Subnets: select a **public subnet**
    - Security groups: select `grafana-sg`
4. • Click **Next** through the defaults and **Create Service**.

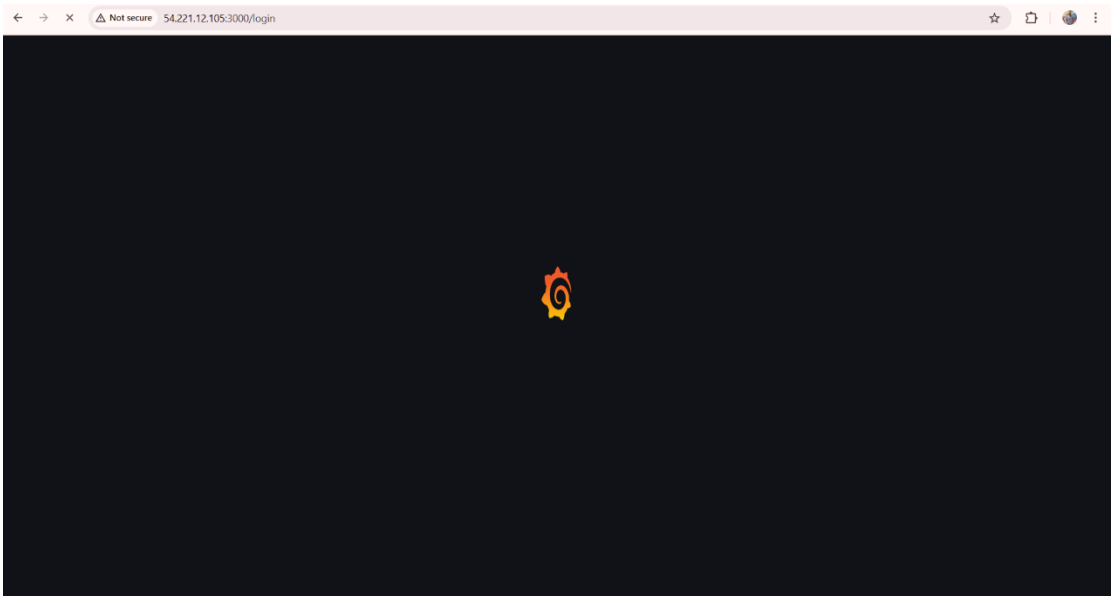


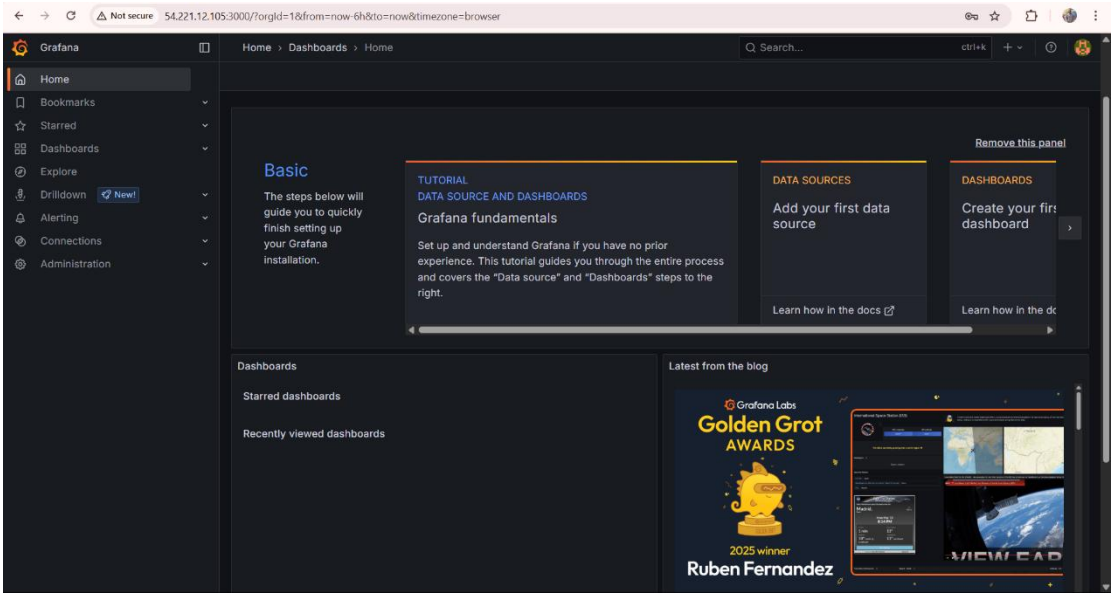
Access Grafana

1. In **EC2 > Network Interfaces**, find the ENI attached to my Grafana task.
2. Copy its **Public IPv4 address**.(54.221.12.105)
3. Open `http://` 54.221.12.105`:3000` in my browser.
4. Login with:

- Username: **admin**
- Password: **admin**






Not secure
54.221.12.105:3000/?orgId=1&from=now-6h&to=now&timezone=browser
Grafana
Home
Bookmarks
Starred
Dashboards
Explore
Drilldown
New!
Alerting
Connections
Administration
Home › Dashboards › Home
Search...
ctrl+k
Remove this panel
Basic
The steps below will guide you to quickly finish setting up your Grafana installation.
TUTORIAL
DATA SOURCE AND DASHBOARDS
Grafana fundamentals
Set up and understand Grafana if you have no prior experience. This tutorial guides you through the entire process and covers the "Data source" and "Dashboards" steps to the right.
DATA SOURCES
Add your first data source
Learn how in the docs
DASHBOARDS
Create your firs dashboard
Learn how in the dc
Dashboards
Starred dashboards
Recently viewed dashboards
Latest from the blog
Grafana Labs
Golden Grot AWARDS
2025 winner
Ruben Fernandez