# BESTSELLER - DevOps Engineer Challenge

This task must be completed using Terraform. Push your code to a public Git repository and please include the link when you respond to the recruiter.

## Task 1

### Automate the EC2 instance creation under a load balancer.

- Create a role with S3 access.
- Launch an EC2 Instance with a role inside the private subnet of a VPN, and install Apache through bootstrapping
- Create a load balancer in the public subnet.
- Add the EC2 instance, under the load balancer

Once you have a basic functionality implemented go to TASK 2

## Task 2

Create an Autoscaling Group with a minimum size of 1 and a maximum size of 3 with the load balancer created in step 3 of TASK 1.

- Add the created instances under the autoscaling Group
- Write a lifecycle policy with the following parameters:
  - scale-in: CPU utilization > 80%
  - scale-out: CPU utilization < 60%

**If you have any further questions please contact us.**

**On behalf of the Cloud Platform team we wish you the best of luck!**