

Prueba Técnica: Pasantía Proofpoint – Benjamín Vaca

A.

1) Describe the most relevant learnings from programming-related subjects.

The most relevant experience in my learning journey was when I started my career in DevOps through a specialized course. During this course, I learned how to deploy applications, implement CI/CD pipelines, and work with Infrastructure as Code (IaC) using Terraform and AWS CloudFormation. Additionally, I gained hands-on experience with Docker and Kubernetes for containerization and orchestration.

I also explored AWS services such as EC2, ECS, S3, CloudWatch, and VPC, which allowed me to understand cloud infrastructure management, networking, monitoring, and scaling strategies. Furthermore, I developed strong Linux skills, learning essential commands for configuring and managing instances, automating tasks, and optimizing system performance.

This experience provided me with a solid foundation in automation, cloud computing, and software deployment best practices.

2) Describe a situation you had to resolve with a teammate from a study or work group.

During our thesis project, my team and I had to address a visualization requirement for a 3D environment in the e-commerce platform we had developed. This challenge proved to be quite difficult and complicated the project for a while. However, we were able to resolve it by utilizing a Unity API that allowed us to meet the client's specific request. This experience taught us the importance of collaboration, creative problem-solving, and leveraging the right tools to overcome technical challenges.

3) Describe your personal learning plans or development expectations in technical areas.

I want to continue specializing in DevOps and Cloud Computing because it is a technical field that caught my attention and is currently in high demand. My goal is to deepen my knowledge in automation, cloud infrastructure, and deployment strategies while gaining a better understanding of the DevOps culture and its role within a development team. I aim to refine my skills in CI/CD, container orchestration, and infrastructure management to contribute effectively to modern software development environments.