Leoncio
López Pelayo
DevOps & Automation Engineer

"Always code as if the guy who ends up maintaining your code will be a violent psychopath who knows where you live." - Martin Golding

Profile

Application Developer & DevOps Engineer with exceptional problem-solving skills, data analysis expertise, and a commitment to using the best tools for each task. Dedicated to continuous learning and professional growth, driven by an insatiable curiosity for emerging technologies.

Objective

To develop top-quality applications that meet high standards of excellence, providing insightful recommendations and thorough analyses to ensure the most effective solutions.

Education

- **Bachelor of Engineering** – *University of Los Andes, Merida, Venezuela* (1996)

Certifications & Courses

- **Jira Administrator, Part 1 & 2** (2019)
- **SonarQube: Installation & Analysis** (2020)
- **Polyspace for C/C++ Code Verification** – *MathWorks* (2020)
- **Introduction to Scripting in Python** – *Coursera, Rice University* (2021)
- **Google IT Automation with Python** – *Coursera, Google* (2021)
- **Introduction to Software Testing** – *Coursera, University of Minnesota* (2021)
- **Fundamentals of Kubernetes Deployment** – *Coursera* (2021)
- **DevOps Culture and Mindset** – *Coursera, University of California* (2021)
- **Advanced Docker Principles: Docker for Microservices Strategies** – *Skillsoft* (2023)
- **Advanced Docker: Exploring Advanced Docker Principles & Practices** – *Skillsoft* (2023)
- **AWS Technical Partner (AWS Developer Associate)** – *AWS Training & Certification* (2023)
- **PRINCE2® Foundation official certification** – PeopleCert! (2025)
- **Advanced Python with Cloud Computing –** TRAINING360 (2024)

For the latest courses, certifications, and projects, please visit my LinkedIn profile & Github page:

https://www.linkedin.com/in/leoncio-l%C3%B3pez-00527474/

https://leobip.github.io/

▶▶ Contact

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GitHub Page:
https://leobip.github.io/

▶▶ Personal Skills

Management	★★★★★
Creativity	★★★★★
Proactive	★★★★★
Communication	★★★★★
Teamwork	★★★★★
Problem-Solving	★★★★★
Adaptability	★★★★★

▶▶ English

Read	★★★★★
Write	★★★★★
Conversation	★★★★★

▶▶ Aditional Information

Italy / Vzla.

Work permit: Spain, EU.

Experience

Senior DevOps Automation Engineer
T-Systems ITC Iberia S.A.U.
03/2023 – Present
- Designed, developed, tested, and deployed Python scripts and REST API functions.
- Designed and developed Python functions to streamline and automate the release bundling process, ensuring efficient deployment and version control.
- Developed Kubernetes Operators (Golang - GO)
- Deployed services using Docker, Kubernetes, and Helm.
- Administered & Developed automation scripts for HashiCorp Vault.
- Managed Linux systems, SSH Connections, Bash Scripts, Artifactory, and GitLab for version control.

IT Delivery & Automation Engineer
HotelBeds Technology, S.L.U.
06/2022 – 02/2023
- Administered GitOps and ArgoCD deployments.
- Designed and implemented Jenkins/CloudBees pipelines using YAML and Groovy.
- Developed scripts in Shell, Bash, and Python; created SonarQube plugins.
- Deployed and managed microservices using Docker, Kubernetes, and Terraform.
- Worked with Docker, Kubernetes, Terraform, AWS, JFrog Artifactory, Bitbucket, Prometheus, Grafana, and SonarQube.

DevOps Engineer
Vermont Solutions, S.L.
12/2021 – 06/2022
- Design & Implemented DevOps and CI/CD processes for Santander.
- Administered OpenShift microservices deployments.
- Developed Jenkins pipelines and Kubernetes deployments using YAML and Groovy.
- Developed scripts in Shell, Bash, and Python.

GitLab CI/CD Admin
Capitole Consulting, S.L.
08/2021 – 12/2021
- Designed and implemented pipelines, scripts, and GitLab Runners using YAML and Groovy.
- Monitored GitLab statistics with Grafana.
- Managed SSH remote connections and developed Shell/Bash scripts.

Technologies and Support Engineer
GMV, Innovating Solutions
03/2019 – 08/2021
- Provided specialized user support, app development, and code analysis.
- Developed custom solutions in Redmine (JS, Ruby), Jira, VBA, Python, Excel, and SQL.
- Conducted static code analysis with SonarQube, MathWorks Polyspace, Sci-Tools Understand, and other tools.
- Developed scripts for extracting SonarQube data via REST API for metrics and reporting.
- Configured SonarQube quality profiles, gates, and plugins for code analysis (Java, Python, C/C++, C#, Fortran).
- Developed SQL queries, stored procedures, and ETLs using Talend Open Studio.
- Managed Linux and Windows systems, including Shell/Bash scripting and MathWorks Polyspace (C/C++) analysis.

Systems Manager

2003 - 2018

Alfa Sistemas, C.A.

- Developed, supported, and commercialized an application for time management, access control, and project performance, using Access, VBA, and C#.
- Certified Technical Representative for IBM/Lenovo (2004-2007).
- Designed, installed, and configured computer networks, including CISCO routers and switches.
- Provided remote network support using tools like TeamViewer, Virtual PC, Microsoft Hyper-V, and VMware.
- Developed and supported custom applications for clients in Python, VBA, and C#.
- Installed, configured, and supported SQL Server, including developing and managing tasks through cursors, stored procedures, emails, and query design.

Project Analyst

2000 - 2003

Chicago Bridge & Iron, C.B.I. Venezolana, C.A.

- Managed the attendance and work control system, developing SQL queries and reports to monitor work performance.
- Developed applications to connect automatic control equipment to Excel using VBA, SQL, and C#.

Skills Proficiency

- ***Strong ability to work under pressure and meet tight project deadlines.***
- ***Expertise in developing and executing project plans.***
- ***Proven excellence in technical support service.***

Skill	Proficiency
Shell Scripting, Linux, Bash, Shell. SSH	90.00%
CI/CD (Jenkins, CloudBees)	90.00%
Yaml, Groovy	90.00%
Microservices, Kubernetes, OpenShift, ArgoCD	85.00%
Code Quality (SonarQube, Polyspace, Code Metrics, Static…)	90.00%
C#, JavaScript, Rust	80.00%
Python	90.00%
Docker & Containerization	90.00%
Ms. Access / SQL	90.00%
Version Control (Git, SVN, Bitbucket, Gitlab)	90.00%