

Ricardo Romero

Madrid, Spain | ricardorompar@hotmail.com · +34 664 421 942 |  /in/ricardorompar ·  /ricardorompar

PROFESSIONAL SUMMARY

Solutions Engineer with 3+ years in client-facing technical roles. Passionate about AI, cloud infrastructure, security, and DevOps. Bridging the gap between engineering depth and business value.

EXPERIENCE

HashiCorp (an IBM Company) Aug 2024 – Present
Solutions Engineer Madrid, Spain

- Closed 10+ deals in first 5 months of being part of the Corporate team, contributing to \$1M+ pipeline growth
- Influenced \$10M+ ARR in first 6 months through technical sales cycles as part of the Hub team
- Led technical webinars and workshops on Terraform, Vault, and Boundary for enterprise clients
- Architected cloud infrastructure solutions aligned with the HashiCorp product suite

Ingelin Jan 2022 – Sep 2023
Technical Service Engineer Quito, Ecuador

- Delivered 15+ customer solutions for medical imaging and equipment systems
- Implemented and oversaw over 10 projects of medical equipment installations.
- Started the company's new line of business, along with the primary stakeholders, by teaming up with a major Chinese manufacturer of medical imaging systems.

Larscript Jul 2021 – Jan 2022
Customer Support Engineer Quito, Ecuador

- Led IT infrastructure projects (PACS/RIS) for enterprise clients
- Supervised an IT infrastructure improvement project for a major hospital, resulting in increased capacity of medical imaging exams.

EDUCATION

IE University Sep 2023 – Jul 2024
Master in Computer Science & Business Technology

- IE Foundation Scholarship recipient (direct award)
- Dean's List – Top 3 in cohort

Escuela Politécnica Nacional Sep 2015 – May 2021
Bachelor in Electronics & Control Engineering

- Graduated Summa Cum Laude, GPA 3.87/4.0
- 8× Academic Excellence Scholarship

PROJECTS

Cloud Resume Challenge – This website: Full-stack cloud resume using AWS S3, CloudFront, Route53, and Lambda for the backend API. Infrastructure provisioned with Terraform and deployed via GitHub actions.
AWS, Terraform, Lambda, CI/CD, Python

3DOF Helicopter – Bachelor's thesis: Low-cost 3-DOF helicopter testbench controlled by hand gestures and arm movements using a Myo Armband. Demonstrated effective multimodal control via gesture recognition and IMU data.
Python, Myo Armband, Control Systems, IMU

Wingy – Master's capstone: Stock visualizer web app built with Flask and React, deployed on Oracle Cloud and GCP. Enabled real-time equity data visualization and portfolio tracking.
Flask, React, Oracle Cloud, GCP, Python

FastAPI + MongoDB – End of master project: Full-stack app migrating the FastAPI full-stack template from PostgreSQL to MongoDB. Built with FastAPI and React, running on GCP with Docker. Supports all CRUD operations on users and items.

FastAPI, React, MongoDB, GCP, Docker

SKILLS

- Infra: AWS, Azure, (less GCP and OCP).
- DevOps: HashiCorp (Vault, Terraform, Packer, Boundary), GitHub Actions, Kubernetes, Docker
- Programming: Python (FastAPI, Flask)
- Tech Sales & Solutions Architecture

CERTIFICATIONS

AWS - AWS Certified Cloud Practitioner· View badge ↗	May 2025
HashiCorp - HashiCorp Certified: Vault Operations Professional· View badge ↗	Oct 2025
HashiCorp - HashiCorp Certified: Vault Associate (003)· View badge ↗	Oct 2025
HashiCorp - HashiCorp Certified: Terraform Associate (003)· View badge ↗	Oct 2024

PUBLICATIONS

"Hand Gesture and Arm Movement Recognition for Multimodal Control of a 3-DOF Helicopter"

Ricardo Romero, Patricio J. Cruz, Juan P. Váscenez, Marco Benalcázar, Robin Álvarez, Lorena Barona & Ángel Leonardo Valdivieso. Robot Intelligence Technology and Applications 6 (RiTA 2021).

"A Deep Q-Network based hand gesture recognition system for control of robotic platforms"

Patricio J. Cruz, Juan P. Váscenez, Ricardo Romero, Alex Chico, Marco Benalcázar, Robin Álvarez, Lorena Barona & Ángel Leonardo Valdivieso. Scientific Reports.

LANGUAGES

English – Full professional proficiency

Spanish – Native

French – Limited working proficiency

VOLUNTEERING

- Co-founder & mentor, EPN Languages Club (2021)
- Student member of IEEE's Control Systems Society (2020-2021)