

David Bracho

La Mora, Conj 406. Edo. Lara
Barquisimeto, Venezuela
📞 +58 424-6733485
✉ devbracho@gmail.com

Summary

- Dynamic and adaptable IT professional with over 15 years of experience in system administration, DevOps, and hardware management.
- Proven expertise in Linux environments, automation, and network configuration, with a strong command of modern DevOps tools including Grafana, Prometheus, Ansible, Docker, Kubernetes, and Terraform.
- Committed to delivering efficient, scalable, and high-quality solutions as a collaborative team player.

Skills

- **Operating Systems:** Windows/Linux (Gentoo, Arch, Debian, Ubuntu)
- **Programming & Scripting:** Python, Bash
- **Automation Tools:** Ansible, Terraform, Jenkins, GitLab CI
- **Containerization & Orchestration:** Docker, Kubernetes
- **Monitoring & Visualization:** Prometheus, Grafana
- **Networking:** VPN configuration, multi-WAN failover, WAN/LAN management
- **DevOps Practices:** CI/CD pipelines, infrastructure-as-code, hybrid cloud integration
- **Hardware:** PC and laptop assembly/disassembly, hardware repairs, printer maintenance
- **Embedded Systems:** EEPROM and microcontroller programming
- **Soft Skills:** Teamwork, adaptability, efficiency, quick learner

Experience

- April 2009 – March 2024 **Freelance IT Consultant (Tramaca)**, *Multiple Companies*, Maracaibo-Barquisimeto-Valencia, Venezuela, 15 years
- Provided** IT services as a self-employed consultant under the Tramaca banner, delivering system administration, DevOps, and hardware solutions to various companies across Venezuela.
- Managed** Linux-based servers for WAN/LAN networks supporting 20+ daily users, implementing multi-WAN failover and secure VPN configurations.
- Automated** infrastructure provisioning and management using Terraform and Ansible, reducing deployment times by 40%.
- Deployed** and managed containerized workloads with Docker and Kubernetes, ensuring scalability and resilience across hybrid environments.
- Implemented** Prometheus for real-time system monitoring and Grafana for advanced dashboard visualization, improving incident response times by 25%.
- Developed** Python-based tools for log aggregation, backup automation, and system health checks, enhancing operational efficiency.
- Engaged** in embedded systems development, programming EEPROMs and microcontrollers for custom hardware solutions.
- Oversaw** full lifecycle hardware management, including assembly, upgrades, and repairs of laptops and PCs.
- Delivered** Linux server management and automation services, utilizing Ansible for configuration management, Docker for containerization, and Terraform for infrastructure-as-code.
- Set up** Prometheus for metrics collection and alerting, paired with Grafana for real-time system health visualization, enabling proactive issue resolution.
- Automated** backup workflows and system monitoring with Bash and Python scripts, ensuring data integrity and high availability.
- Managed** hardware assembly, repairs, and performance optimizations for diverse client needs.

Courses & Certifications

- **Troubleshooting and Debugging Techniques**, Coursera, Certificate
- **AWS Cloud Technical Essentials**, Coursera, Certificate
- **DevOps on AWS: Code, Build, and Test**, Coursera, Certificate
- **DevOps on AWS Specialization**, Coursera, Certificate
- **Using Python to Interact with the Operating System**, Coursera, Certificate
- **Introduction to Back-End Development**, Coursera, Certificate

Education

- **Bachelors Degree**, San Tarsicio, 1993 – 1999