JULIAN ZANETTI

DevOps Engineer | Computer Technician | SysAdmin Linux

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PROFESSIONAL PROFILE

DevOps Engineer with a technical background in IT and over 4 years of experience in technical support (Level 2 and 3) and systems administration. Currently working as a Level 3 Support Engineer within the DevOps team, managing hybrid infrastructures across cloud environments (AWS) and on-premises systems.

Skilled in task automation using Bash, Ansible, and Jenkins, continuous deployment, service monitoring, Linux server administration, infrastructure as code, and disaster recovery strategies.

Committed to continuous improvement, I'm actively training in AWS, Docker, Kubernetes, Terraform, and DevOps best practices. I'm currently preparing for the AWS Certified Solutions Architect – Associate certification.

PROFESSIONAL EXPERIENCE

Nextbyn   **Rosario, Arg**
DevOps | Tech Support Sr.   October 2021 - Present

- I manage and maintain **over 40 AWS EC2 instances** along with multiple **on-premises servers** belonging to our clients, handling their monitoring, maintenance, and incident resolution.
- I manage key AWS services such as **EC2, IAM, VPC, S3, Route 53, Security Groups, and snapshots**, including environment provisioning, domain configuration, resource monitoring, and failure recovery.
- I automate configuration tasks, build deployments, and system updates using **Bash, Ansible, and Jenkins**, having migrated deployment processes from Ansible to Jenkins to improve operational efficiency.
- I collaborate with development and testing teams to resolve production issues, including **load analysis using CloudWatch Logs**, backup restoration, and reactive actions in case of high-CPU outages.
- Configured Zabbix agents and automated their deployment with Ansible.
- I document technical changes across the infrastructure and actively participate in **continuous improvement and disaster recovery initiatives**.

Secretaria de Control y Convivencia.   **Rosario, Arg**
Tech Support Ssr.   December 2020 – October 2021

- I performed maintenance and networking tasks in the local infrastructure.
- I set up and configured equipment and servers for different sectors of the organization.
- I installed and supported Windows and Linux operating systems.

EDUCATION

Colegio Técnico Salesiano   **Asunción, Py**
Computer Technician | Completed.   November 2016

National Technological University   **Rosario, Arg**
System Information Engineer | Incomplete.   December 2021

PROJECTS

Homelab DevOps in AWS - GitHub Repository
Designed and deployed a personal AWS-based homelab simulating a 24/7 production environment with real-world DevOps practices.

- **Kubernetes** (K3s) on **AWS** EC2 Spot Instances with HTTPS via NGINX Ingress + cert-manager.
- Infrastructure as Code with **Terraform** and automation using **Ansible**.
- GitOps and CI/CD with **ArgoCD** and GitHub Actions.
- Centralized monitoring and logging with **Prometheus**, **Grafana**, and **Loki**.

Portfolio Website - julianzanetti-lab.com
Developed and deployed a personal portfolio website hosted in my AWS homelab environment, showcasing projects, skills, and technical background.

COURSES (PRACTICES ON MY GITHUB)

- **Bootcamp DevOps Engineer**. — EducacionIT (+172 hs)
- **Python University with Django, Flask, etc**. — Udemy (+72 hs)
- **Amazon Web Services in full.** — Udemy (+46 hs)
- **Complete Kubernetes.** — Udemy (+28 hours)
- **Learn Docker, Compose and Swarm.** — Udemy (+23 hours)
- **Terraform implemented on AWS.** — Udemy (+22 hours)

SKILLS

- **Operating systems and cloud:** Linux, Windows, AWS, VMware.
- **Automation and configuration:** Bash, Python, Ansible, Terraform.
- **Containers and orchestration:** Docker, Docker Swarm, Kubernetes.
- **CI/CD and DevOps Tools:** Git, Jenkins, GitHub, GitHub Actions.
- **Monitoring:** Zabbix, Grafana, Prometheus, Loki.
- **Databases and messaging:** Progress 4GL, SQL Server, ActiveMQ

LANGUAGES

- **Spanish:** Native.
- **English:** B1.