Pedro Aragón

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ABOUT ME

Cloud, DevOps, and IT Security enthusiast with experience in systems administration, automation, and cloud computing. Specialized in AWS, Oracle Cloud (OCI), and Azure, with a strong focus on CI/CD, Infrastructure as Code (IaC), and containerization. Passionate about Terraform, Docker, Kubernetes, Git, and Ethical Hacking. Certified by Cisco, AWS, CompTIA, Terraform and Oracle.

WORK EXPERIENCE

08/2024 – CURRENT Spain
IT SYSTEMS TECHNICIAN TRAGSA

- Administration and maintenance of Windows Server infrastructure, Active Directory, RedHat and VDI.
- Implementation of security policies and access control in on-premise environments.
- Automation of repetitive tasks using PowerShell and Bash scripting.
- Support in migration projects to the Citrix platform.
- Log monitoring and analysis with Manage and AD Audit 360, enabling proactive incident identification.
- Implementation and support of Citrix VDI virtualization solutions, ensuring compliance with ISO 27001 regulations.
- Managed security incidents involving isolating, studying, elimination and recovery of assets.
- Troubleshooting N1/N2 incidents, ensuring system continuity and minimizing downtime.
- IT inventory management using Oracle Peoplesoft.
- Resolution of VM-related issues using Citrix Director.
- Successfully managing stressful situations and high-demand troubleshooting.
- User support for issues at any level through the internal Support Center ticketing tool.
- Office setup, including device and server installations.

03/2024 – 06/2024 Spain
IT NETWORKS AND SYSTEMS TECHNICIAN INERCO

- Configuration and maintenance of Windows servers and networking devices.
- Implementation and management of Firewalls, VLANs, Switches, and Routers, ensuring network security and stability.
- Network performance analysis and TCP/IP latency optimization, improving connectivity.
- Troubleshooting N1/N2 issues using Zoho Ticketing and Manage Engine Monitoring.
- Support in automation and scripting solutions to improve infrastructure management efficiency.
- Backup supervision and disaster recovery planning, ensuring data protection and business continuity.
- IT inventory management and telecommunications provisioning.
- Preparation of workstations and hardware according to required specifications.
- Virtualized environment configuration and maintenance with VMware and Hyper-V, optimizing IT infrastructure.
- Research and AI development (R&D) using Nvidia for enterprise applications.

02/2023 – CURRENT Spain
FREELANCE SELF-EMPLOYED

- Development, customization, and integration of Odoo ERP modules for businesses.
- Configuration and administration of Odoo servers in Linux environments.
- Implementation of security measures and performance optimization for Odoo systems.
- Weekly client meetings for training and system explanations.
- Development of external API integrations to connect Odoo with e-commerce and CRM platforms.
- Home Assistant implementation on Raspberry Pi for home automation and smart device management.
- VPN configuration and secure remote access for device control from any location.
- Integration of IoT sensors, smart devices, and home automation tasks.
- Security configuration to protect system access and personal data, including MFA and IP blocking after failed login attempts using YAML scripting.
- Optimization of Home Assistant OS to reduce SD card wear by adjusting log capture levels.
- Creation of VMs RedHat, MacOS, KaliLinux, etc..
- Designed and deployed infrastructure on cloud (AWS, Azure)

EDUCATION AND TRAINING

17/09/2022 – 11/06/2024 Spain
ASSOCIATE´S DEGREE IN SYSTEMS AND NETWORKS ADMINISTRATION (FP SUPERIOR ASIR) I.E.S Lucus Solis

- Specialized in IT infrastructure management, networking, and security, covering server configuration, database administration, and virtualization.
- Secure network implementation with firewall configurations, VPNs, and network segmentation.
- Development of programming and scripting skills, using Python, PowerShell, and Bash to automate administrative tasks and infrastructure deployments.
- Practical projects deploying and maintaining Windows and Linux servers in enterprise environments.
- Training in ISO 27001 and cybersecurity, applying security principles in IT system design and management.

CERTIFICATIONS

- **Security:** CompTIA Security+, Cyber Incident Management (CCN-CERT), Certified Network Security Practitioner
- **Cloud:** AWS Solutions Architect, OCI Foundations Associate, AWS Cloud Support, OCI Generative AI Professional
- **Networking:** CCNA (Cisco)
- **IaC:** Terraform Associate
- **In Progress:** Azure Administrator (AZ-104), AWS Certified SysOps Administrator, RedHat Certified System Administrator

SKILLS

- **Cloud Computing:** AWS (EC2, S3, IAM, VPC, CloudFormation), Oracle Cloud (OCI), Azure.
- **Infrastructure as Code (IaC):** Terraform, Ansible, CloudFormation.
- **Containers & Orchestration:** Docker, Kubernetes, Helm.
- **Automation & CI/CD:** GitHub Actions, Jenkins.
- **Systems Administration:** Windows, Windows Server, Linux (Ubuntu, CentOS, Debian, Linux Mint, RedHat).
- **Security & Networking:** Firewalls, VPNs, TCP/IP, ISO 27001, IAM, SIEM (Splunk).
- **Programming & Scripting:** Python, Bash, PowerShell.
- **Monitoring & Observability:** Splunk, Grafana.

- **Soft Skills:**
  - Problem-solving and decision-making.
  - Teamwork and effective communication.
  - Adaptability and continuous learning.
  - Analytical mindset and results-oriented approach.

PROJECTS

Cloud Resume Challenge

- Development of a static website hosted on AWS S3, with content distribution via CloudFront and routing through Route 53.
- Deployment of resources using Terraform (IaC).
- Implementation of a NoSQL database in DynamoDB for visitor count storage.
- Development of an API using AWS Lambda and API Gateway to retrieve and update the visitor counter.
- Configuration of infrastructure using Terraform to ensure reproducibility and scalability.
- CI/CD integration with GitHub Actions, automating deployments and testing on each commit.
- Implementation of authentication and security in AWS services using IAM Roles and Policies.
- Monitoring web traffic and API events with AWS CloudWatch and Logs Insights.

LANGUAGE SKILLS

Mother tongue(s):   **ESPAÑOL**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C1	C1	C1	C1
FRENCH	A2	A2	A1	A1	A1