Iles Walid

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📍 Algeria 💼 walid-iles

Professional Experience

Cybersecurity Pre-sales Engineer
06/2024 – present | Algiers, Algeria
ARES Algérie

- Analyze client needs and design the most suitable technical solution
- Handle pre-sales files while respecting the Features/Advantages/Benefits approach
- Anticipate client needs and establish a diagnosis before or after sales
- Conduct presentations and technical demos for clients.
- Conduct additional studies for files under my responsibility (site visits, work meetings)
- Deploy and migrate solutions, perform testing, audit, and validation
- Write various technical documents (technical offers, deliverables)
- Use vulnerability management Tenable and data loss prevention (Forcepoint and Symantec)
- Managing Cisco and Fortinet products, including firewalls, switches, and routers

Freelance - Project Based - Automation, Monitoring, and Cloud Infrastructure Provisioning
08/2023 – 05/2024

- Automated deployment workflows with Ansible and Jenkins, reducing deployment times
- Implemented monitoring and alerting systems with Prometheus
- Develope Terraform scripts to automate cloud infrastructure provisioning(AWS)

Freelance - Project based - DevSecOps Engineer | Microservices, Container Security
08/2022 – 07/2023 | Algiers, Algeria

- Using Docker development environments, improving setup efficiency and ensuring consistency across different stages of development
- Integrate image scanning tools like Trivy into the CI/CD pipeline to automatically scan container images for vulnerabilities before deployment
- Deploye Kubernetes Pod Security Policies and Network Policies to enforce security at the container orchestration level
- Develop and enforce security policies as code using tools like OPA (Open Policy Agent)

Consultant IT
01/2022 – 07/2022 | Algiers, Algeria
KPMG

- Engage with clients to understand their IT requirements, challenges, and objectives
- Develop and execute IT strategies that align with the client's business goals
- Assess IT risks and develop mitigation strategies to ensure data security, regulatory compliance
- Support clients in managing organizational change associated with IT implementations
- Coordinate with technical teams for solution development, configuration, testing, and deployment

DevOps Engineer
03/2021 – 10/2021 | Tlemcen, Algeria
HD Consulting

- Orchestrate the migration of monolithic applications to a microservices using Kubernetes
- Implement and maintain Kubernetes clusters and associated infrastructure components
- Ensure the high availability, scalability, and security of Kubernetes infrastructure
- Troubleshoot and resolve complex technical issues
- Document infrastructure design, implementation, and maintenance processes
- Deploying and managing applications on Docker

Certificates

- Certified Kubernetes Security Specialist (CKS)
- Certified Kubernetes Administrator (CKA)
- Certified Kubernetes Application Developer (CKAD)
- RedHat Certified Engineer (RHCE)
- Red Hat Certified System Administrator (RHCSA)

Skills

Database — MySQL, Oracle, MongoDB, Postgres • **Technical** — Jenkins(CI/CD), Kubernetess, Helm, Docker, Ansible, Terraform, Prometheus • **Operating System** — Linux, Windows, macOS • **Networking** — VLANs, TCP/IP, DHCP, DNS, HTTP, VPN • **Programming language** — C, Java, Python, Shell

Education

Master in Networks and Distributed Systems   2019 – 2021 | Tlemcen, Algeria
University Of Abou Bekr Belkaid

Languages

Arabic, English, French

Projects

System Administration
- Install, configure, and maintain VMware, Linux, and Windows Server environments
- Manage user accounts, credentials, permissions, access rights and storage allocations
- Implement Linux, Apache, MySQL, and PHP web server configuration
- Develop, monitor and maintain features for the infrastructure, platform
- Install and upgrade computer components and software, manage virtual servers
- Analyze error logs and fixing them together with the support team
- Create and modify scripts or applications to perform tasks

Systems Automation
- Design, develop, and maintain Ansible playbooks for automating system configuration
- Implement automation solutions to streamline routine tasks, enhancing operational efficiency
- Orchestrate complex infrastructure deployments using Ansible, ensuring scalability and reliability
- Integrate Ansible into CI/CD pipelines to automate application testing, deployment
- Implement Ansible automation for security tasks, including patch management.

Networking
- Installing, configuring and supporting network equipment including routers, proxy servers, switches, WAN, DNS, DHCP
- Upgrade, repair, and maintain computer networks
- Configuring firewalls, routing and switching
- Troubleshoots network problems, IP address auditing
- Assist network architects with the design of network models