**Hazem Soussi**  
IT Cloud Computing System Administrator & DevOps Engineer

**Personal Information**

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**Objective**

Dynamic and results-driven Computer Science Engineer with over 5 years of experience in DevOps and Cloud Computing. Expert in implementing cutting-edge solutions in containerization, orchestration, and automation. Experienced in configuring highly available Kubernetes clusters, implementing system and security monitoring measures, and integrating CI/CD pipelines for streamlined application deployment. Advanced expertise in Linux kernel administration and system services implementation.

**Professional Experience**

**Kubernetes Infrastructure Architect & DevOps Integration Specialist**

*Next Step IT Enterprise, 2024*

* Implemented a highly available Kubernetes infrastructure and DevOps integration tools.
* Advanced configuration and maintenance of Kubernetes clusters, management of components and services, and application deployment.
* Automation using Vagrant (virtual machine provisioning) and Charmed Kubernetes orchestrated by Juju.

**CI/CD Project Engineer**

*INOBI, 2023*

* Developed an integration platform and continuous delivery pipeline using Jenkins.
* Integrated with Docker, GitHub, SonarQube, Maven, Nexus, and monitoring tools (Grafana, Prometheus).

**Integrated Cloud Project**

*ESPRIT, Tunisia, 2022*

* Deployed a robust private cloud infrastructure in an OpenStack environment.
* Integrated Kubernetes to optimize resource allocation and scalability.

**Kubernetes Implementation with Automation**

*ESPRIT, Tunisia, 2022*

* Configured a Kubernetes cluster from scratch with advanced techniques.
* Used Vagrant for virtual machine provisioning.
* Automated deployment and scaling using Kubernetes manifests and Helm charts.

**Full Stack Application Deployment on Microsoft Azure**

*ESPRIT, Tunisia, 2022*

* Complete development and deployment on Microsoft Azure ensuring seamless integration and robust security compliance.

**Mobile Programming Internship**

*Evocraft STARTUP, 2021*

* Developed a mobile application with Flutter to interface with robots via Bluetooth, enhancing control capabilities and user experience.

**Cloud Computing Security Project**

*ISET Nabeul, 2020*

* Implemented a secure cloud infrastructure with intrusion detection using machine learning techniques.
* Deployed a Proxmox-based cloud infrastructure and contributed to Python-based learning solutions.

**Skills**

**DevOps & Cloud Computing:** Kubernetes, Docker, Jenkins, Terraform, Ansible, Helm, Vagrant  
**Monitoring:** Prometheus, Grafana, Nagios, SonarQube  
**System Administration:** Linux (Ubuntu, RedHat), NGINX, Apache servers, VPN, OpenSSH  
**Virtualization:** VMWare, VirtualBox, Proxmox  
**Cloud Platforms:** AWS, OpenStack, Microsoft Azure  
**Programming:** Python, Bash, Shell scripting, YAML  
**Database Management:** MySQL, MongoDB, PL/SQL  
**Networking:** TCP/IP, DNS, DHCP, LDAP, REST APIs

**Education**

**Engineering Degree in Computer Science, Cloud Computing & DevOps**  
*Higher School of Engineering and Technological Studies, ESPRIT*

**Bachelor's Degree in Network and IT Services**  
*Higher Institute of Technological Studies, Tunisia, 2020*

**High School Diploma in Experimental Sciences**  
*Menzel Bouzelfa Secondary School, 2017*

**Languages**

**Arabic:** Native  
**French:** Bilingual (B2)  
**English:** Advanced (B2)

**Note:** A professional photo can be added to the designated space on the right-hand side of the document.