***MK***

***Integration & Deployment Expert***

**SAVOIR-FAIRE FONCTIONNEL**

* **Communication**
* **Problem Solving**

**SAVOIR-FAIRE TECHNIQUE**

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| Compétences fonctionnelles | **Monitoring, Automation** |
| Autres compétences | **Languages, Web Servers, Virtualization, Cloud Computing** |
| Compétences en gestion de projet | **Team Coordination, Project Planning, Documentation** |
| Compétences techniques | **Docker, Jira, System Administration, Networking, Backup Systems, Databases, Operating Systems** |
| Langues | **• English****• French****• Arabic** |

**Education**

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| **2012-2016** | **Computer engineering diploma specializing in Embedded System****National School of Engineers of Carthage** |
| **2009-2012** | **Scientific preparatory cycle specializing in technical physics****Preparatory institute for the engineering schools of Nabeul** |
| **2008-2009** | **Baccalaureate diploma in technical science with honors** |

**CERTIFICATIONS**

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|  | **LPIC-1****Linux Professional Institute** |
|  | **IBM Mobile Application Developer with Worklight Studio v6.2****IBM** |
|  | **LPIC-2****Linux Professional Institute** |

**EXPÉRIENCES PROFESSIONNELLES**

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| **SICAP****Integration & Deployment Expert****Période :****12/2021 – Poste Actuel** | **Projet : SICAP Products Integration - Mobile Operators**Installation, Integration & Administration of SICAP products in mobile operators' network, including software installation, configuration, integration, and migration platform setup.**Mission*** Install, Integration & Administration of SICAP products in mobile operators' network
* Understand the requirements from client
* Execute software installation, configuration, integration, and migration platform
* Setup service/system monitor framework, including result handling, alarm notification, resource optimized and report visualization
* Prepare and execute Acceptance Test Case
* Prepare and deliver MOPs, Installation & troubleshooting guide
* Ensure the quality of delivery and customer training

**Technologies:** Zabbix, Kibana, Elasticsearch, Logstash, Docker-compose, Docker, wireshark, Jboss, HAproxy, Replication DB, LB, Clustering, CentOS, Jira |

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| **TRITUX****System Engineer****Période :****09/2018 – 12/2021** | **Projet : Technical Project Management - Multiple (Orange, ANCE, Zitouna Banque, PromoNet Services, Attijari Banque)**Management of multiple projects including notification management solution, SMSing solution, and stress test mission for various clients.**Mission*** Supervision of multiple projects during all phases of development
* Adjustment of planning according to needs
* Work in interdisciplinary teams to achieve the objectives of the project
* Collaboration with developers to plan project deadlines
* Preparation of progress reports, cost estimate and resource planning
* Resource management and project planning
* Collect requirements, identify technical solutions and define architectures
* Coordination with the client for the needs' analysis
* Knowledge of design and development

**Projet : CPE Supervision Platform (ACS Orange) - Orange**Integration and Deployment of a CPE supervision and management platform for Orange including environment preparation, load balancing, and high availability setup.**Mission*** Preparation of the pre-production and production environment
* Ensure load sharing between the 10 production servers
* Ensure high availability of services (HA cluster)
* Ensure the replication of MySQL and MongoDB databases
* Prepare specific detailed technical documentation and perform system acceptance tests
* Set up supervision solutions to ensure proper functioning
* Set up a data retention plan
* Provide platform Handover training to the Orange support team

**Technologies:** DB replication, NRPE, Nagios XI, Munin, Load balancer, Redis, GenieACS, Apache, Nginx, MongoDB, MySQL, Cluster pacemaker corosync HA, CentOS**Projet : Production and Linux Solutions Administration - Multiple**Management and administration of various Linux solutions and customer support activities including implementation of multiple client solutions and system maintenance.**Mission*** Planning and implementation of applications in production environment
* Configuration and maintenance of monitoring tools
* Assist teams and customers in pre-Integration sessions
* Make preventive and curative visits to platforms
* Detection and resolution of incidents
* Communication with different teams
* Ensure processing of incidents and customer requests
* Implementation of various client solutions including ooredoo KMS, DHMPE Ministry of Health, SMGS SMT

**Technologies:** Docker-compose, Docker, Google Analytic, wireshark, postgresql, mysql, tomcat, jboss, HA, Python, Ldap, Active directory, Nginx, Apache, Replication DB, LB, Clustering, CentOS, RedHat, Jira |

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| **INTERNET MEMORY & RESEARCH****System and networks administrator****Période :****12/2016 – 09/2018** | **Projet : Datacenter Infrastructure Management**Management and maintenance of two Datacenters in Paris and Amsterdam with over 250 servers, including system operations and problem resolution.**Mission*** Maintain operational state of systems and network infrastructure
* Work remotely on two Datacenters in Paris and Amsterdam
* Detect and diagnose problems on the infrastructure
* Preventive maintenance through monitoring and daily investigation of logs

**Technologies:** XenCenter, Apache, wiki, Jira, Elasticsearch, Postgressql, HDFS, Ubuntu, Debian**Projet : Icinga2 Supervision Solution**Implementation of comprehensive monitoring solution including installation, configuration, and automation of monitoring services for large server infrastructure.**Mission*** Install and configure icinga2, icingaweb2, mysql components
* Integration of icinga2 director, pnp4nagios, Business-Process modules
* Developed Puppet module for icica-agent automation
* Configure supervision metrics
* Integrate scripts to customize services
* Developed bash scripts for specific service monitoring
* Configure alerts and notification

**Technologies:** Slack, apache, MySQL, Nagios-plugins, puppet, icinga-director, sendmail, bash, icingaweb2, icinga2, Debian**Projet : Bacula Backup Solution**Implementation of comprehensive backup solution including architecture planning, configuration, and integration with Amazon AWS.**Mission*** Prepare the study and architecture of the backup solution
* Install and configure Bacula modules
* Ensure the restoration of the servers
* Configure the sending of each backup to Amazon
* Manage backup and restore jobs

**Technologies:** amazon AWS, webmin, bacula agent, bacula storage, bacula director, Debian**Projet : Web Archiving**Management of web archiving operations including crawl operations, content indexing, and customer support through various tools and platforms.**Mission*** Launch and manage Heritrix crawl robots
* Analyze logs and reconfigure crawl jobs
* Index captured web content
* Generate metadata and reports
* Customer relationship management
* Internal and customer support
* Documentation of procedures
* Implementation of NetarchiveSuite solution

**Technologies:** postgressql, NetarchiveSuite, Confluence wiki, Jira, Collections Manager, indexing, Hadoop-Hdfs, Heritrix, Debian |

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| **ARAB TUNISIAN BANK****Graduation Project****Période :****02/2016 – 05/2016** | **Projet : Mobile Banking Application - ATB**Development of a Web and Mobile banking application with geolocation features and service continuity for customers.**Mission*** Develop banking services for Android Smartphones
* Implement geolocation features
* Ensure service continuity
* Develop back office for application management

**Technologies:** Google maps API, JSON, MySQL, JavaScript, XML, CSS3, HTML5, PHP, JAVA, Android studio |