Aboulkacem KRADRA

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Systems Administrator

As a Master's graduate in computer science and class valedictorian, Certified (ISC)² CC, Microsoft AZ-900 and many other certificates and training. With over 10 years of experience as a Systems administrator, I bring deep expertise in IT infrastructure management. My proficiency spans across Wintel environments, Linux systems, Data center management, Cloud technologies, Virtualization, Backup & Restore, Storage solutions and Cybersecurity. With a proactive commitment to continuous learning, I am poised to contribute effectively in collaborative environments.

SKILLS

Hard Skills: System Administration, Cybersecurity, ITIL, IT Infrastructure Management, VMware vSphere, IT Automation, Linux System Administration, Windows Server Administration, Hardware Break-Fix, IT Support, IT Troubleshooting, Data Protection, SAN storage, Virtualization, RHEL, Zabbix Monitoring, Microsoft Azure, Active Directory, Dell PowerEdge Servers, Data center Management, Veritas Backup Exec, PowerShell, Disaster Recovery, Enterprise Design Thinking, IBM/LENOVO Servers, Dell Blade Servers, Hp Data Protector

Soft Skills: Continuous learner, Communication, Problem-solving, Teamwork, Attention to detail, Content writing, Organization, Speaking Arabic, Speaking English, Speaking French

WORK EXPERIENCE

Ministry of Interior of Algeria   Algeria • 12/2014 - Present

Disaster recovery Datacenter and production center of titles and secure documents.

Principal Systems administrator Engineer • Full-time

- Led a team of 140+ employees in the absence of the designated manager for more than 6 months, effectively managing operations and ensuring business continuity during critical periods.

- Completed over 100 formal letter projects in French, demonstrating strong language proficiency and attention to detail.

- Streamlined IT processes and reduced downtime by 50% through effective long-term strategies, increasing overall business performance.

- Led system adminstration team to complete 100% of projects on time, resulting in increased efficiency and cost savings.

- Improved executive decision-making by providing actionable insights and recommendations based on data analysis and metrics.

- Boosted system performance by 25% by creating and implementing a technology roadmap for IT infrastructure.

- Increased server uptime by 20% through efficient system administration on Linux, Windows, backups, SAN, virtualization, and hardware.

Systems administrator Engineer • Full-time

- Maintained and managed a diverse range of 150+ infrastructure hardware and systems, including physical servers, SAN storages, virtualization platforms, and backup appliances.

- Participated in server architecture and migration projects, ensuring smooth transitions and minimal downtime.

- Provided 24/7 support for infrastructure solutions, resolving 95% of critical issues within 2 hours, minimizing downtime by 80%.

- Automated various system management tasks by writing 20+ PowerShell, Batch and Bash scripts, streamlining processes for building, testing, and deploying solutions.

- Implemented and deployed the Zabbix monitoring solution to efficiently monitor and manage 100+ servers, 50+ network devices, storage systems, and backup equipment.

- Managed 140+ end user accounts, permissions, access rights, and storage allocations, adhering to industry best practices for security and data management.

- Performed system administration tasks on Linux servers (RHEL and CentOs), such as user management, file system management, and security management.

- Configured, monitored, and troubleshooted 30+ backups using Veritas Backup Exec, HP Data Protector, IBM Tivoli TSM, and recovery services, ensuring data integrity and testing disaster recovery procedures.

- Developed 10+ comprehensive and accessible documentation resources, empowering colleagues to resolve daily issues independently and efficiently.

Freelance Platforms   **Laghouat, Laghouat, Algeria • 03/2010 - Present**

Freelancer

- Enhanced business operations by implementing Azure & AWS cloud projects.

- Increased productivity by developing 20+ PowerShell and bash scripts, resulting in a 75% decrease in manual tasks

- Developed a web-based application for managing car spare part stores, with 4+ function points and 1K+ lines of code, using HTML5/CSS3, PHP, and jQuery technologies.

- Designed a website for a Logistics Company based in the USA using HTML5/CSS3, PHP, jQuery, and WordPress.

- Designed a website for a non-governmental organization based in the USA using HTML5/CSS3, PHP, jQuery, and WordPress.

- Built 3 mobile applications for Android devices using Android SDK, SQLite database, and Android Studio.

- Implemented a gym management desktop application with 6+ function points, 2K+ lines of code, and 20+ DB tables using JavaFX, Jasper report, and MySQL database.

- Programmed 2 C#/SQL server desktop applications for medical laboratory management for a government company.

- Wrote 10+ formal letters.

- Designed 10+ posters and flyers using Adobe Photoshop and Adobe Illustrator.

Mspharma El Kendi   **Algiers, Algeria • 11/2014 - 12/2014**

Sales Representative for pharmaceutical products • Full-time

- Arranged 100+ appointments with pharmacists.

- Exceeded monthly sales target of 1M DZD, resulting in increased revenue by 20%.

- Built and maintained positive working relationships with 50+ pharmacists.

- Attended on a regular basis company meetings, technical data presentations and briefings.

- Analyzed sales data to improve results and make sure resources are effectively allocated

- Wrote 5+ weekly reports.

ZEDpharm - KLC   **Laghouat, Algeria • 07/2014 - 10/2014**

IT Site Administrator

- Provided technical support to 200+ users, fixing hardware and software problems.

- Assisted in planning, designing, documenting, and implementing IT systems.

- Installed, updated, and patched 50+ Windows desktop PCs and 3 Windows servers.

- Managed 2 Linux Redhat servers used for JBOSS applications.

- Backed up databases daily and weekly.

- Improved the performance of 20+ analytical queries and SQL.

- Used multiple technologies, including Linux REDHAT (RHEL 6), Compiere ERP, JBOSS, ORACLE, TCP/IP network, ADDS, DNS, and DHCP.

SONATRACH - DP   **Laghouat, Algeria • 12/2012 - 01/2013**

Trainee • Internship

- Trained in installation, configuration and maintenance of 10 Cisco networks equipment. had a 3 training in management and troubleshooting of Cisco ACS server, Cisco Call Manager and Unified Unity messaging infrastructure.

- Participated in the Project of development of large java web - based application (JSP) with an oracle database with 400 tables dedicated for hydrocarbon products management (CAPRYD) .

- Wrote a 50 pages professional and effective internship report

EDUCATION

Master's Degree in Decisional Information Systems

Amar Telidji University • GPA: 17.5/20 (Valedictorian)   Algeria • 09/2012 - 06/2014

Awarded Valedictorian

Bachelor's degree in Systems and Networks

Amar Theldji university • GPA: 17.5/20   Algeria • 09/2009 - 06/2012

CERTIFICATIONS

(ISC)² CC Certified in Cybersecurity   04/2024 - 05/2027

(ISC)² ISC2

Microsoft Azure Fundamentals (AZ-900) Certificate   02/2023 - Present

Microsoft

AWS Knowledge: Cloud Essentials   12/2023 - 12/2023

AWS

Google IT Support certificate   07/2023 - Present

Google

Google IT Automation Certificate   10/2023 - Present

Google

IBM Enterprise Design Thinking Practitioner   11/2023 - Present

IBM

IBM Container & Kubernetes Essentials V2 Certificate   05/2023 - Present

IBM

IBM Enterprise Design Thinking Co-Creator   11/2023 - Present

IBM

IBM Cybersecurity Fundamentals Certificate   10/2023 - Present

IBM

IBM Cybersecurity Roles, Processes & Operating System Security Certificate   09/2023 - Present

IBM

IBM Introduction to Cloud Computing Certificate   08/2023 - Present

IBM

Cisco CCNA Certificate   10/2012 - 10/2014

Cisco

IBM Linux Commands & Shell Scripting Essentials V2 Certificate   07/2023 - Present

IBM

IBM Git and GitHub Essentials Certificate   06/2023 - Present

IBM

IBM Linux and Private Cloud Administration on IBM Power Systems Specialization   11/2023 - Present

IBM

Cisco Introduction to Cybersecurity Certificate   10/2023 - Present

Cisco

Cisco Networking Basics Certificate   10/2024 - Present

Cisco

Cisco Endpoint Security   11/2023 - Present

Cisco

IBM Project Management Fundamentals   11/2023 - Present

IBM-SkillsBuild

Remote Work Professional Certification - RWPC™   10/2023 - Present

CertiProf International

AWARDS & SCHOLARSHIPS

Awarded Valedictorian   06/2014

Amar Telidji University 2013/2014

PROJECTS

Deployment of a monitoring solution   01/2021 - Present

Ministery of Interior

Deployed the ZABBIX monitoring solution to efficiently monitor and manage 100+ servers, 50+ network devices, storage systems, and backup equipment.

Management of a Disaster recovery Datacenter and production center of titles and secure documents.   04/2020 - 02/2024

Ministery of Interior

Led a team of 140+ employees in the absence of the designated manager, effectively managing operations and ensuring business continuity during critical periods.

VOLUNTEERING & LEADERSHIP

Google Developer Group (GDG)   09/2013 - 06/2014

Manager   Laghouat, Algeria

Google Developer Group Laghouat (GDG Laghouat) is a group that is interested in all technologies used by Google Inc. in Laghouat, Algeria

ITlag University Scientific Club   11/2013 - 06/2014

President and co-founder   LAGHOUAT, Algeria

ITLag is a computer science club at the University of AMAR Telidji, LAGHOUAT, fostering student creativity, advancing skills through sharing, and promoting personal development in IT and technology.