

Aboulkacem KRADRA

40, Djoudi Abdelkader Street, Laghouat, Algeria • +213 670 406 434 • kradra.belkacem@gmail.com • [linkedin.com/in/kacemsys](https://www.linkedin.com/in/kacemsys) • <https://kacemsys.github.io/>

Systems Administrator

As a Master's graduate in computer science and class valedictorian, Certified ISC2 CC, Microsoft AZ-900 and many other certifications and training. With over 9 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 administration 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, 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, 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, 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 • Algeria • GPA: 17.5/20 (Valedictorian) • 09/2012 - 06/2014

Awarded Valedictorian

Bachelor's degree in Systems and Networks

Amar Theldji university • Algeria • GPA: 17.5/20 • 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

Google IT Support certificate • 07/2023 - Present

Google

Google IT Automation Certificate • 10/2023 - Present

Google

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

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

AWS

Cisco CCNA Certificate • 10/2012 - 10/2014

Cisco

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

IBM

IBM Container & Kubernetes Essentials V2 Certificate • 05/2023 - 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 Enterprise Design Thinking Co-Creator • 11/2023 - Present

IBM

IBM Enterprise Design Thinking Practitioner • 11/2023 - Present

IBM

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

VOLUNTEERING & LEADERSHIP

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

Manager • LAGHOUAT, Algeria

Google Developer Group Laghouat (GDG Laghouat) is a group that interested at all technologies 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 of the department of mathematics and computer science from the University of AMAR Telidji LAGHOUAT. ITlag was created in order to satisfy the creativity of student computer and makeadvanced skills with a sharing policy at any point, so the more experienced teach others and vice versa depending on the field of experience. ITLAG club is also purely scientific purposes, encouraging personal development in the broad field of IT and technology.

PROJECTS

Deployment of a monitoring solution • 01/2021 - Present

Ministry 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
Ministry 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.