

# Aboulkacem KRADRA

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• <https://kacemsys.github.io/>

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## Systems Administrator

Expertise in Data center management, Enterprise Design Thinking, Cloud , Linux/Windows, Virtualization, Backup & Restore, Storage, & IT troubleshooting/monitoring. Continuously learning to stay ahead of the curve. Seeking to leverage skills in a fast-paced, collaborative environment.

## SKILLS

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

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### Ministry of Interior of Algeria • Algeria • Full-time • 12/2014 - Present

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

#### Systems administrator Engineer

- Led the interim management of the production and disaster recovery center, overseeing a team of 140+ employees for more than 6 months.
- Performed system administration tasks on Linux servers (RHEL and CentOS), such as user management, file system management, and security management.
- Provided 24/7 support for infrastructure solutions, resolving 95% of critical issues within 2 hours, minimizing downtime by 80%.
- Implemented and deployed the Zabbix monitoring solution to efficiently monitor and manage 100+ servers, 50+ network devices, storage systems, and backup equipment.
- Automated various system management tasks by writing 20+ PowerShell and Batch scripts, streamlining processes for building, testing, and deploying solutions.
- Maintained and managed a diverse range of 150+ infrastructure hardware and systems, including physical servers, SAN storages, virtualization platforms, and backup appliances.
- Managed 140+ end user accounts, permissions, access rights, and storage allocations, adhering to industry best practices for security and data 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.
- Provided day-to-day IT support for 140+ staff members, providing timely assistance and resolving technical challenges.
- 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 • Full-time • 11/2014 - 12/2014**

### **Sales Representative for pharmaceutical products**

- 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 • Internship • 12/2012 - 01/2013**

### **Trainee**

- 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**

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### **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**

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### **Microsoft Azure Fundamentals (AZ-900) Certificate**

Microsoft • 02/2023 - Present

### **IBM Project Management Fundamentals**

IBM-SkillsBuild • 11/2023 - Present

### **IBM Enterprise Design Thinking Co-Creator**

IBM • 11/2023 - Present

### **IBM Enterprise Design Thinking Practitioner**

IBM • 11/2023 - Present

### **IBM Introduction to Cloud Computing Certificate**

IBM • 08/2023 - Present

### **AWS Knowledge: Cloud Essentials**

AWS • 12/2023 - 12/2023

### **Google IT Automation Certificate**

Google • 10/2023 - Present

### **Cisco CCNA Certificate**

Cisco • 10/2012 - 10/2014

### **Google IT Support certificate**

Google • 07/2023 - Present

### **IBM Linux Commands & Shell Scripting Essentials V2 Certificate**

IBM • 07/2023 - Present

### **IBM Container & Kubernetes Essentials V2 Certificate**

IBM • 05/2023 - Present

### **IBM Git and GitHub Essentials Certificate**

IBM • 06/2023 - Present

### **IBM Linux and Private Cloud Administration on IBM Power Systems Specialization**

IBM • 11/2023 - Present

### **Cisco Introduction to Cybersecurity Certificate**

Cisco • 10/2023 - Present

### **Cisco Networking Basics Certificate**

Cisco • 10/2024 - Present

### **IBM Cybersecurity Roles, Processes & Operating System Security Certificate**

IBM • 09/2023 - Present

### **IBM Cybersecurity Fundamentals Certificate**

IBM • 10/2023 - Present

## Cisco Endpoint Security

Cisco • 11/2023 - Present

## Remote Work Professional Certification - RWPC™

CertiProf International • 10/2023 - Present

## AWARDS & SCHOLARSHIPS

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### Awarded Valedictorian

Amar Telidji University 2013/2014 • 06/2014

## VOLUNTEERING & LEADERSHIP

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### Google Developer Group (GDG)

Manager • LAGHOUAT, Algeria • 09/2013 - 06/2014

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

### ITlag University Scientific Club

President and co-founder • LAGHOUAT, Algeria • 11/2013 - 06/2014

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 make advanced 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

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### Deployment of a monitoring solution

MOITP • 01/2021 - Present

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.

MOITP • 04/2020 - 02/2024

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