Abdelhamid ABID

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# SUMMARY

Information Systems and Security professional with eighteen years of experience. Extensive experience in developing secure and scalable web solutions. Handled various type of cyber security events, providing Level 3 technical support, and promoting a security-aware culture. Adept at adapting to various environments and worked for companies from Algeria, Spain, France, Qatar, and Belgium.

# PROFESSIONAL EXPERIENCE

**STANTEC International**, Burkina Faso Apr 2020 – Apr 2023

## Information Systems Expert – Main expert

## As part of the Project Improvement of the Energy Information System SIE- UEMOA:

* Worked effectively within a team to co-develop and present the methodological note and all the project reports.
* Led the creation of software requirements and developed the SIE-UMEOA web interface to streamline energy data collection across the 8 UEMOA countries, significantly enhancing the energy balance database's accuracy and reduce the timeframe of data collection up to 40%.
* Presented the SIE-UMEOA web interface to stakeholders and users, ensuring understanding and garnering feedback for further improvements.
* Installed and configured the KoboToolBox data collection platform on the UEMOA servers, ensuring efficient data collection for more than 200 survey agents in the 8 countries.
* Designed and developed API integration services for SIE-UEMOA and national applications, enabling efficient data exchange and system connectivity.
* Actively addressed security events and provided Level 3 technical support, implementing effective solutions to maintain system integrity and minimize downtime for both KoboToolbox and the SIE-UMEOA web interface.
* Successfully configured and deployed a multi-tenant application across the 8 UEMOA countries, promoting regional data-sharing and collaboration.

**Dataonline Sarl.**, Algeria Jun 2014 - Feb 2015 and Oct 2016 - Jan 2023

## Information systems consultant

* Developed a comprehensive software requirements specification document and Internet solution for a parcel delivery company, streamlining processes and enhancing customer experience.
* Implemented a dashboard with KPIs defined through stakeholder consultation, enabling effective monitoring of delivery operations.
* Added features to support e-commerce providers, enhancing the company's competitiveness and meeting customer demands.
* Developed a smartphone application for real-time monitoring of package collection and delivery operations, improving operational efficiency and customer satisfaction.
* Provided support, maintenance, and developed new features for the delivery management system, ensuring optimal system performance and scalability.
* Implemented a deployment pipeline with multi-tenant settings for 5 instances of the web solution, based on Git/Bash, reducing system deployment to less than 10 seconds.
* Prepared an end-user manual, facilitating ease of use and reducing training time for new users.
* Provided L3 technical support for security events, promptly identifying and implementing effective remediation solutions to maintain system integrity and minimize risks.

**Alsarh Holding Group (Ex Hayil Group)**, Qatar Nov 2015 – Aug 2016

## CTO

* Led the IT and technology initiatives across the entire organization, ensuring optimal system performance and promoting technological innovation.
* Collaborated closely with the Group Executive Manager and senior leadership to align IT initiatives with organizational objectives, optimizing efficiency and promoting growth.
* Managed gradual transition of outsourced IT services to the Group's IT department, resulting in significant cost savings and closing skills gap in the department.
* Raised employee awareness about security measures, promoting responsible user behavior and fostering a culture of security to mitigate potential cyber threats.
* Effectively managed security incidents, implementing and coordinating security measures with IT staff to maintain systems integrity and minimize risks.
* Played a pivotal role in the proposal and implementation of new IT solutions, leveraging open-source options to drive efficiency and reduce overall costs.
* Conducted network requirements analysis for new site offices, ensuring stable connectivity.
* Implemented Document Management System using Alfresco, facilitating document sharing and efficient file management across remote sites and the headquarter.
* Implemented endpoint backup solution using BareOS, ensuring data protection and disaster recovery capabilities.
* Collaborated closely with suppliers to select and implement new hardware and software solutions for the Group's business needs.
* Effectively managed task assignments for the support and back-office team, promoting optimal system availability and minimizing downtime.

**BMGI Center,** Algeria Feb 2015 – Mar 2016

## Glassfish (JEE Server) Trainer

* Developed comprehensive training materials on Glassfish server architecture and usage.
* Delivered a hands-on workshop for seven engineers, guiding them through the initial installation and configuration process.
* Enabled engineers to set up a High Availability Cluster, providing practical experience and promoting the application of new skills to real-world scenarios.

**Atos Origin Belgium,** Algeria May 2011 – Sep 2011

## Expert Analyst Developer

As part of the Program Management Support for the Economy Program (AMECO), provided assistance to the Ministry of Public Works in implementing business applications for various fields :

* Designed document and report templates, as well as dashboards, to support the different business applications.
* Utilized various technologies, including iReport, JasperServer, Eclipse WTP, CXF, and PostgreSQL, to develop and implement reports for business applications.

**SOFRECO,** Algeria Jun 2010 – Dec 2010

## Information Systems Expert

## As a member of the project team for Support to Management of the Economy (AMECO), played a key role in assisting the National Office of Statistics (ONS) with the preparation, implementation, and operation of Phase 1 of the Economic Census:

* Specifically, responsible for developing and implementing a monitoring system to support in-the-field data collection.
* Conducted user requirements analysis to understand the needs of the ONS and ensure that the system met their specifications.
* Designed the system, prepared documents for analysis and architecture, and developed and implemented the solution (intranet/extranet).
* Created a user manual and provided training to ensure successful adoption and use of the system.

**WanaConsulting | Atos Origin,** Algeria Jun 2008 – Feb 2009

## J2EE Developer

## As a member of the project team for the modernization of the (DGDN):

* Provided support for DGDN engineers during the development of a web-based business application, which included installing and configuring the development environment.
* Worked with the project manager to draft the application design document, which involved designing UML diagrams to illustrate the process.
* Wrote a user manual to ensure that end-users could effectively utilize the application.
* Conducted workshops for end-users to provide additional training and support, ensuring that the application was successfully implemented and adopted.

**NAFTAL Spa.,** Algeria Jul 2004 – Dec 2006 and Dec 2007 – Jun 2008

## Development Engineer

* Developed and integrated web-based solutions using J2EE, PHP, and nuSOAP to improve company operations.
* Improved search functionality and user experience by integrating the Nutch search engine.
* Configured Apache and TOMCAT to improve system performance and security.
* Designed and implemented a data transformation workflow using Kettle ETL (Pentaho) to transform data from MSSQLServer2000 to Oracle DB 9i.
* Led the process of defining functional specifications for the company's new website.

# EDUCATION

**High School of Computing Science (Ex: INI),** OuedSmar,Algiers, Algeria 1996 -2003

State Engineer in Information Systems, 5 years full-study.

# CERTIFICATION

* Certified Information Systems Security Professional - CISSP (ISC)² , 2022
* PRINCE 2 Practitioner AXELOS, 2020

# HONOR AND AWARDS

Finalist in the national startup competition "t-start" OOREDOO/ANDPME, competing against 300 other participants. The project idea presents XaaS model that enhances Internet user account security through a novel second factor of authentication that renders leaked passwords unusable. [2014]

# SKILLS AND OTHERS

Strong knowledge in ISO27001, Information Systems Design and Development, Strong Knowledge in GDPR and SOC 2(System and Organization Controls) Reports. Web & Servers Security Assessment, Python/Django/Panda, Nmap, Linux, Web Application Server hardening, Reverse-proxy and Load balancing, Docker, Mysql, MariaDB, Postgresql, Oracle10g, Redis.

**Languages:** Arabic (Native), English (Professional Working Proficiency), French (Professional Working Proficiency)