

# Ibrahim Mohamed Darwish



SRC176847 (Alcatel-Lucent)

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10g Certified Associate

IBM DB2 9 Certified Associated

Alcatel-Lucent



**Date Of Birth : Sep 25, 1973**

Gasser ElSuez-New Nozha - (Current Address)

Hesham Barakat Metro Station-Cairo-Egypt

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## EMPLOYMENT OBJECTIVE

I am eager to join a dynamic academic community where I can pursue my research interests in Blockchain, Cyber Security and Machine Learning collaborate with leading scholars in the field.

## EMPLOYMENT EXPERIENCE

Sept 2024 -Now

**Assistant Professor -College of Information Technology – Isra University – Amman - Jordan**

Nov 2019 – Aug 2024

**IT Consultant, ECRRM, Ministry of Defense -Egypt**

Aug 2018 – Oct 2019

**IT Manager. ENC Egypt for Network Service and Consultant**

Sep 2016- Jun 2018

**Network Engineer. Egypt Maintenance Company for Petroleum Service, Egypt**

Sep 2001 - 2015

**Teaching Assistance.** King Khalid University (KKU), College of Computer Science, Saudi Arabia, Abha, Aseer

**Expert level experience with Hadoop ecosystem (Spark, Hive/Impala, HBase, Yarn;**

**Installing/ Troubleshooting/Administration of Red Hat Linux -Centos- Ubuntu -Solaris -Oracle Linux**

**DevOps, Configuration Management and Continuous Integration technologies (Chef, Puppet, Dockers, Jenkins)**

**Administration of Linux-Apache tomcat server- Oracle WebLogic Server- Linux shell programming**

**Next Generation Firewall (Cisco ASA – Fortinet- Juniper -Palo Alto Network).**

**Experience with data warehousing architecture and data modelling best practices**

**Experience in Java and Python programming languages;**

**• Programming Languages: Visual Studio.Net (VB-C#), C++, Mat lab  
Operating System Programming: C/C++ under Linux-Perl -Ruby**

**Database: Oracle 11g – MySQL - IBM DB2 9 – MS SQL Server  
2012 Implementing and Supporting Oracle RAC Cluster Oracle  
PL/SQL Language Programming.**

**Working experience with AWS (EC2, S3, EBS, ELB, RDS, Dynamo DB, EMR).**

**Excellent knowledge of Hadoop architecture and administration (Map-Reduce, Zookeeper, HBASE, HDFS, Pig, Hive)**

**Network Administration: (MS Windows 2012/2016 Server – Linux – IBM AIX 5.2)**

**Virtualization: (VMware ESXI Server 5.5- MS Hyper-V – Citrix XenServer)**

**A solid understanding of the Linux boot process and problem diagnosis**

**Good scripting skills in Perl, Python, Ruby, Bash and Java.**

**Experience maintaining open source packages and/or working with the open source community.**

**Experience packaging software with RPM or deb.**

**Experience maintaining large scale Linux implementations.**

Jul 1996 - Jan 2001

**Instructor and programmer.** Center of Computer Science and Language, Egypt, Kafr Alsheikh  
Duties include Teaching Courses in Visual Basic6, Access, C++, Network Design (LAN)

## EDUCATION

- Jun 2018 – Mar 2024 **PhD of Computer Science, South Valley University, Faculty of Science, Qena, Egypt**  
**Title :( Improved lightweight security approach routing protocol in internet of things)**
- Aug 2015- Dec 2017 **Master of Computer Science, Institute of postgraduate studies and Researches, Alexandria University**  
**Title :( Enhanced Algorithms for Fault Nodes Recovery in Wireless Sensors Network)**
- Sep 1991 - May 1996 **Computer Science, College of Science, Alexandria University, Egypt, Bachelor GPA "Very Good"**

## COMPUTER SKILLS

### Good Knowledge About: -

Cisco Data Center – ACI-APIC Controller – SDN – VPC-Fabric Extender-UCS RM/Blade L2/L3 Domain – ACI Workflow – Nexus-OS- VDC-VPC-HSRP-VSAN-Fabric Path-OTV

- Installing and configuration MS Exchange Server 2007 -2010
- Install linux – Shell scripting – Building linux web server

## CERTIFICATIONS AND Training

- Dec 2019** **AWS – Amazon Solution Architecture – Associate Certified SAA-C01**
- Aug 2015** **CCIE LAB (Dubai-Mobile Lab)**
- Jan 2014** **Network Routing Specialist (NSR I) for Alcatel-Lucent**  
**Juniper Network Certified Associated**

<b>Jun 2011</b>	<b>DB2 9 Certified Associated</b>
<b>Nov 2010</b>	<b>AIX Administration I</b>
<b>Jul 2010</b>	<b>CCNA Voice Certified Completed</b> (Self Study)
<b>May 2010</b>	<b>CCNA Security Certified Completed</b> (Self Study)
<b>April 2010</b>	<b>CCNP</b>
<b>Feb 2010</b>	<i>self-Study-Completed</i>
<b>May 2009</b>	<b>OCA (Oracle Certified Associate)</b> <i>self-Study-Completed</i>
<b>Aug 2008</b>	<b>Introduction to AIX 6.1(IBM)</b>
<b>Oct 2007</b>	<b>CCNA</b> <i>self study-640-801</i>
<b>Jul 2001</b>	<b>Oracle Developer Application, Oxford Institute, Alexandria, Egypt</b>
<b>Mar 2001</b>	<b>Oracle Database Administrator, Oxford Institute, Alexandria, Egypt</b>
<b>Jun 2004</b>	<b>CCNA (Training Course), Faculty of Engineering, Cairo University</b>

**LANGUAGES  
SKILLS**

**English Language** (Good)  
**Arabic Language** (Mather Tongue)

**FUTURE  
PLANNING**

ITIL Foundation  
DevOps Engineer Tools  
Docker and Kubernetes