

# Abdelmonam Kouka

<http://abdelmonam.kouka.netcv.com>

(+216) 29 48 44 25  
BP 129 Parc des technologies et de la communication  
2088 Cité La Gazelle - Ariana - Tunisia  
34 years old



## IP/MPLS Field Support Engineer

Apply my later acquired experiences in new domains.  
Acquire new experiments to widen the range of my engineer's career.  
Be responsible of setting up new activities for international Companies.

### IP/MPLS Field Support Engineer

Since March 2011

**Alcatel-Lucent Tunisia**

Parc des technologies de la communication -  
Cite La Gazelle Ariana - Tunisia

I work as a network support engineer at Alcatel-Lucent. My responsibility is to provide field and remote technical support, installation supervising, integration & acceptance for the Tunisiana network projects.(IP/MPLS)

- IP/MPLS Technical Support @ Tunisiana
- Comissioning, configuring and upgrading of 7750 SR series
- Support for customer, site configurations and site deployments.
- Technical support 7750 SR-12, SR-7 and SR-c12 devices for Tunisiana IP/MPLS project.
- 5620 SAM

### Java/JEE R&D Engineer - CSA team

From July 2008 Till March 2011

**Alcatel-Lucent Tunisia**

Parc des technologies de la communication -  
Cite La Gazelle Ariana - Tunisia

**CSA team (Convergent Security Asset)** : Participate in realization of new generation of security components with collaboration of Bell labs (Madrid unit)

- Configuration & administration of Alcatel-Lucent solution for authentication, authorization and accounting (AAA).
- Analyze, development and tracking of new features that concerns the evolution of CSA server.
- Porting of CSA server on different platforms: Linux, Solaris, and HP-UX.
- Draft technical documents (User Manuel, Detailed System Architecture Specification, Weekly reporting, System test Plan, JavaDoc).
- Development and execution of unit tests (JUnits).
- Bug correction.

Key Words: UML, JAVA/JEE (EJB 2.1, MBeans, JUnits), Jboss, LDAP, ClearCase, ClearQuest.

### Java/JEE R&D Engineer

From April Till June 2008

**Yatinoo**

Les Berges du Lac Tunis - Tunisia

Integration of Zimbra Collaboration Suite (ZCS) Project: Study, integration and administration of the groupware Zimbra within Yatinoo.

### Temporary university teacher

From February Till June 2008

**National School of Computer  
Science (ENSI), Tunis, Tunisia:**

Manouba - Tunisia

(in parallel with my work at HR Access and then at Yatinoo)

Temporary university teacher at the National School of Computer Science(ENSI), Tunis, Tunisia:

## Skills Background

I gave the course and I animated the TP of the "Development environment" module (C and Java languages) to students from the first grade of engineering studies.

### **Computer engineer at HR Access Tunisia International :**

From August 2007 Till March 2008

**HR Access**  
Les Berges du Lac Tunis - Tunisia

- Training on all HR Access modules (7 weeks).
- Development French public sector:
  - "Quality Assurance" team (2 months) :
    - Ergonomics (Maquettages Web)
    - Processing (COBOL, PACBASE)
  - "Migration to version 7 of HR Access" team (4 months) :
    - Comparative study between the versions of HR Access
    - Design of development
    - Development of the migration programs
    - Delivery of developments

### **End of studies project at Picosoft.**

From February Till June 2007

**Picosoft**  
Parc Technologique des Communications -  
Ariana - Tunisia

Conception and implementation of a flexible (extensible) workshop allowing capturing, processing and routing documents.

*Tools: Java 5, API JGraph, XML, XPATH, Eclipse 3.2, VE-SDK-1.2.3*

**Put in production:** *Design and implementation of a Java application based on this project, which allows sending fax received by ZitaFax via mail using two modes: SMTP and Lotus Notes.*

### **Master's Degree in Free and Open Source Software**

November 2010

<http://www.uvt.rnu.tn/mp2l/index.php?hn=17>

**High Institute of Computer  
Science (ISI), Ariana, Tunisia.**

Ariana - Tunisia

### **Master's Degree in Information Security**

May 2009

[http://www.ensi.rnu.tn/fr/page.php?id\\_ssmenu=47](http://www.ensi.rnu.tn/fr/page.php?id_ssmenu=47)

**National School of Computer  
Science (ENSI), Tunis, Tunisia.**

Manouba - Tunisia

### **Engineering degree in Computer Sciences**

June 2007

[http://www.ensi.rnu.tn/fr/page.php?id\\_ssmenu=42](http://www.ensi.rnu.tn/fr/page.php?id_ssmenu=42)

**National School of Computer  
Science (ENSI), Tunis, Tunisia.**

Manouba - Tunisia

### **IP/MPLS skills:**

Protocols & Services: VPLS, RSVP-TE, EPIPE, VPRN.

Equipments and Tools: Alcatel-Lucent (7750 SR family, 5620 SAM).

### **Java/JEE skills:**

EJB, JMX, RMI, JMS, JUnits, Ant, JBoss, Eclipse, Swing.

**Information Security skills:**

- Security information audit
- Security of Web oriented services, applications, computer networks, operating systems, information systems, databases...
- Cryptography elements
- Diagnostic Network tools
- Intrusion Detection Systems

**Groupware:**

Zimbra Collaboration Suite (ZCS): development, integration and management.

**HR Access knowledge:**

- Using batch chains.
- Maquettages Web
- COBOL, PACBASE processing

**Operating Systems :**

- Windows: 98/2000 NT/XP
- UNIX: SUN
- GNU/LINUX: Debian, Mandrake, Mandriva, RedHat, Fedora, Suse, Ubuntu...

**Programming languages:**

JAVA, C++, VB, Assembleur, C, C UNIX, PL/SQL, SCRIPT SHELL (UNIX), PACBASE.

**DBMS:**

Notions of Administration of ORACLE 8i, ORACLE 9i, MySQL, ACCESS.

**Networks:**

LAN, Ethernet, Internet, Intranet, Grid Computing, DNS, VPN, IPTables  
Protocols TCP/UDP/IP, HDLC, OSPF, SMTP, SOAP, FTP, SSH, SSL/TLS, LDAP.

**Ubiquitous Computing:**

Client/Server model (Sockets), RPC, RMI.

**Web development:**

CMS (Content Management System), Wiki, PHP, JSP/SERVELET, HTML, CSS, SVG, SMIL, XML, JAVAScript, Dreamweaver, FlashMX, Front Page.

- CMS: Mambo, Joomla.
- Wiki: DokuWiki

**Development platforms :**

Initiation to JEE, Lotus Notes/Domino, HR Studio.

**Software engineering tools:**

UML, initiation to Design Patterns.

**Electronics:**

PIC 16F84

## Personal interests

### Scientific typesetting system:

Latex.

Arabic

Native language

French

Bilingual

English

Fluent

### Community involvement: active member of:

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Digital Free Software Association **DFSA**

- Ubuntu-tn: ubuntu Tunisian LocoTeam

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Free Software Users Tunisian Club (Le **C**lub des **U**tilisateurs des **L**ogiciels **L**ibres en **T**unisie **CULLT**).

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Tunisian Java User Group (TeeJUG).

### Others interests:

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Physics sciences.

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Psychology and personal development (**N**eural **L**inguistic **P**rogramming **NLP**).