

PERSONAL INFORMATION



**Khmaies Haj Ammar**

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**Sex** Male | **Date of birth** 28/09/1987  
**Nationality** Tunisian

CAREER STATEMENT

*“Passionate for new technologies and software engineering, I feel that my strengths are increasing day by day. My ability to understand and prioritise my work in a changing business environment is helping me to successfully deliver results. My practise of many levels of support and consulting with all teams involved in a project, then identifying the requirements provide an appropriate solution.”*

*Khmaies Haj Ammar*

*Computer engineer with advanced expertise in software engineering, specialized in software development, ERP development, Shell scripting and Linux/Unix systems, with more than 3 years of professional operational analysis and development of top technological software applications. I've worked in multiple, diverse and large-scale projects with different technologies. I'm always looking for new opportunities to learn and build new skills in a professional way*

WORK EXPERIENCE

From 03.12.2012  
-  
now

Software developer in ERP environment (Information Management Division)

Leoni (Nuremberg, Germany), my mainly job is based in Sousse-Tunisia  
www.leoni.com

My work consists in:

- Design and development of Leoni's ERP functionalities
- Application, Maintenance and development of new requests
- Interfaces, Reporting and Auditing Tools
- Organising Web-ex and meetings.
- Producing informative well-organized reports to senior management.

Team:1 Project Manager, 3 developers, 20 consultants

Main projects:

- In order to meet the international requirements, The Leoni's ERP has to upgrade its financial system to enable the harmonisation in the world (that's why the production systems was connected to the module SAP FI/CO), the project F2SAP consists in development of high-level architecture and requirements for SAP interfaces then the implementation of the interfaces to exchange data between ERP's Leoni and SAP for:
  - Master data (accounts, cost centers, exchange rates)
  - Accounts payable
  - Self-billings
  - Stock of merchandises
  - Accounts receivable
- **Technologies:** C/C++, Redhat Linux, ERP, Advanced shell scripting, SCP, SFTP, SSH, PosgreSQL, SAP application server, ITIL
- Platform migration from HP-UX to Redhat: the project is to get reliability and performance at a lower cost with the world's leading open source platform which offers a well-mapped migration path and full support, the main implementation in this project is to adapt all ERP programs to be used in the new platform before the release on production.
  - Technologies:** HP-UX, Redhat Linux, Advanced shell scripting, PosgreSQL, ITIL
- SCCS to git: the development environment on HP-UX is using Subversion SCCS which was the leading source code control system in 1972, Nowadays, the developer working with code need a system more faster and which allows for advanced workflows like feature branching, forks and pull requests, the project adopt and adapt the development environment to use the GIT system
  - Technologies:** Git, SCCS, C, Redhat Linux, Advanced shell scripting,
- Standardize all table structures in all production servers
  - Technologies:** Redhat Linux, Advanced shell scripting, PosgreSQL, ITIL
- Developed performance of the business report
  - Technologies:** C, PosgreSQL9.4.1

**Business or sector** Industry of cable solutions for industrial sectors such as automobile, telecommunications, IT, health and energy

From 01.01.2012

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To 02.12.2012

## Embedded Software developer and test Engineer

FOCUS International (Tunis, Tunisia), Parrot-France's subcontractor  
www.focus-corporation.com

### My work consists in:

- Synthesis of problems related to automotive libraries embeds connectivity: Bluetooth, WiFi, LTE access Technologies, Voice Recognition
- Testing the Embedded system functionalities in different browsers and at different resolutions
- Preparation with the customer of the projects architecture and components design.
- Work closely with our clients to design and development of their embedded systems
- Development real-time environments in terms of robustness and reliability requirements.
- All activities related to embedded software testing: Test Case Management, Test Case Execution, Test Coverage, Requirements traceability
- Broad spectrum of tests ranging from test functional to integration tests and system testing in addition to monkey testing

**Technologies:** Embedded C/C++, XML, Windows CE, IBM Rational CM/CS Synergy, Visual C++, protocols (CAN, Wifi, Bluetooth ...).

**Team:** 1 Project Manager, 6 developers, 3 Test teams

**Business or sector** Software Development and IT Services

## EDUCATION

From 01.09.2008

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To 01.10.2011

### Master's degree in Engineering (computer Sciences Engineer)

National School of computer Sciences (ENSI) University Of Mannouba-Tunisia

- Computer programming (C, C++, Java SE/EE)
- Systems: (Windows, Linux)
- DBMS (Oracle 10g, MySQL)
- Shell scripting
- UML Design and Software Design (Design pattern)
- Algorithms and Complexity
- Networking

From 01.09.2006

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To 31.08.2008

### Degree of ending of preparatory engineering studies (Technology Engineering)

Preparatory Institute for Engineering of Monastir (IPEIM) University Of Monastir-Tunisia

Classes preparing for entrance examinations to the Grandes Ecoles. The preparation begins after a student has obtained a Baccalauréat diploma (the bac, which is the equivalent of A-levels in Britain, marks the end of high-school education and qualifies a student to enter university). A student will spend two (years in the preparatory institute in a fixed program of study that focuses on mathematics, physics and chemistry. These prepare for the engineering schools and teach mathematics, physics, chemistry, and technology .

## TRAINING

February 2011

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September 2011

### Engineering graduation project

National School of computer Sciences (ENSI) University Of Mannouba-Tunisia and LiP6 (Paris) research labs

Mobility Management in LTE-Femtocell networks

**Technologies:** Linux, C/C++, LTE-Sim, Netbeans, LTE 3G Network

October 2010

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December 2010

### Academic project

National School of computer Sciences (ENSI) University Of Mannouba-Tunisia

Development of a SNMP agent

**Technologies:** Linux, Windows, SNMP (Simple Network Management protocol), NET-SNMP, MIB2C, C, AdventNetAgentToolkitJavaEdition

September 2010

### Internship

BULL

Design and commissioning of a CRM platform to manage customer interactions

**Technologies:** Linux, Free software CRM, SugarCRM, Vtiger, MySQL, Apache HTTP Server

July and August 2010

### Internship

Progress Engineering

Development of a Mobile application for synchronizing contacts in the contact list of phone with a website

**Technologies:** Java ME Platform SDK 3.0, Java

PERSONAL SKILLS

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Language Skills

	understanding	speaking	writing
<b>English</b>	<i>Proficient</i>	<i>Proficient</i>	<i>Proficient</i>
<b>French</b>	<i>Proficient</i>	<i>Proficient</i>	<i>Proficient</i>
<b>German</b>	<i>Basic</i>	<i>Basic</i>	<i>Basic</i>
<b>Arab</b>	<i>mother tongue</i>	<i>mother tongue</i>	<i>mother tongue</i>

Communication skills

- good communication skills gained through my experience
- Having a flexible approach and a Can Do attitude.
- Highly motivated and organised.
- Able to explain technical data to non-technical colleagues.
- Have good technical and analytic skills.

Organisational / managerial skills

- Attention to detail
- good command of quality control processes (currently responsible for quality in the team)
- Ability to ensured projects run to schedule and budget
- Planning strategically
- Experience of training and mentoring junior and new staff
- Leadership (currently vice president of OLM JCI Ksibet Mediouni)

Job-related skills

**Operating Systems:** UNIX (HP-UX), Linux (Redhat, Fedora, Ubuntu), Microsoft Windows  
**Programming Languages:** C, C++, Java, PHP, Visual Basic, XML, HTML, JavaScript, SQL, PL/SQL  
**Design/Modeling:** UML, Design Patterns  
**Servers Web/Application:** Apache HTTP Server, ApacheTomcat  
**Database:** Informix, Postgress, Oracle 10g, MySQL,

Other skills

- MS office, Adobe Photoshop CS, Flash MX, Dreamweaver, Autocad

Driving licence

Driving licence category: B

ADDITIONAL INFORMATION

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- Achievement the Level Business at Amideast
- Advanced shell scripting session
- Red Hat System Administration I (RH124) and Red Hat System Administration II (RH134)
- Cloud computing seminar 2011
- Member of Junior Chamber international (JCI), since 2003
- Founding member of the Scientific Association Ksibet Mediouni, 2011
- Vice President of the National Organization for Children, 2004-2010