


## PERSONAL INFORMATION

## Amr ElAnsary

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Sex Male | Date of birth 20/06/1989 | Nationality Egyptian

## SUMMARY

- Over 3 years of extensive hands on experience developing applications using Java/J2EE technologies in Telecom and Operations domains.
  - Expertise through all parts of Software Development Life Cycle (SDLC) in developing web applications using JAVA, J2EE, EJB, Web services, SOA, SOAP and Microservice applications.
  - Expertise in analysis, design, development, testing and maintenance of large scale object oriented applications.
  - Extensive experience using JSP, Servlets, JDBC, JMS, XML, JPA, Oracle and SQL Server.
  - Extensive hands on experience deploying applications on GlassFish and Tomcat application servers.
  - Extensive knowledge of OOPS, OOAD, UML concepts.
  - Extensive experience in using development tool like Netbeans/Eclipse.
  - Extensive experience in Client Server, J2EE technologies and MVC frameworks.
  - Good experience in managing HP hardware (Rack servers, Blades and Storage-3PAR).
  - Good Management, Execution, Documentation skills.
  - Highly motivated, results oriented and leadership skills with great team ethics.
  - Good Communication, interpersonal skills and problem solving skills.
- Well focused and can meet the expected deadlines

## WORK EXPERIENCE

01/09/2013–Present

## Tools and Software Developing Engineer

Ericsson, Cairo (Egypt)

[www.ericsson.com](http://www.ericsson.com)

- Designing and Implementing Tools supporting service delivery.
- Identifying new business opportunities for Ericsson in the given area.
- Analysing initial requirements and business needs, specifying functionality, verifying software solutions
- Facilitating the integration of solutions from other vendors with Ericsson network.
- Responsible for system administration and customization of other vendors.

### **Achievements:**

- CTO Recognition - 2015
- Network Operations Center Award of recognition - 2014
- Network Operations Center Award of recognition - 2013

01/06/2013–01/09/2013

### **Research and Development Engineer (Intern)**

Orange Labs

[www.orange.com](http://www.orange.com)

- Developing Android application for a book store in Egypt, which included many technologies:

Augmented Reality

Speech Recognition

Text to Speech

01/06/2012–01/09/2012

### **PHP Developer (Intern)**

DigiArts Entertainment AB, Stockholm (Sweden)

[www.digiarts.se](http://www.digiarts.se)

01/06/2011–01/09/2011

### **System Administrator**

schlumberger information solutions, Cairo (Egypt)

[www.software.slb.com](http://www.software.slb.com)

## PROJECT HIGHLIGHTS

### **Fault Management Assistance System**

**Backend:** JEE7, GlassFish 4.1, MDB, CDI, JPA 2.1, EJB 3.1, JMS

**Database:** Postgres 9.3, Sybase ASE

**Frontend:** Primefaces 5.1, JSF, Bootstrap

### **Description:**

an Enterprise java application that is acting as SMS interface between Field Maintenance Engineers and the Network Operation to assist in Fault Management.

### **Features:**

1. SMS alarm relay system for FM teams
2. System communicates over SMS with FM engineers to receive problematic sites from FM and relay currently active alarms
3. Multi-vendor support (Ericsson OSS-RC/ZTE NetNumen)
4. Integration with in-house system to track historical outages
5. Supports alarm beautification/enrichment
6. Response time < 2 seconds
7. Handling more than 15,000 requests per day
8. User base exceeding 200 users

### **Added Value:**

1. No more discarded requests due to heavy operator load
2. No more request backlog due to instantaneous response
3. Improved delivery quality by directing FM engineers in a timely and more accurate manner
4. No room for error or misinterpretation between FM/FO
5. Saved costs for both FM and FO through reduction of overtime and eliminating FM idle time
6. Approximated savings of 5,000 man hours.

#### **Multi-vendor 2G/3G Automated Outage Reporting System**

**Backend:** JEE7, GlassFish 4.1, MDB, CDI, JPA 2.1, EJB 3.1

**Database:** Postgres 9.3, Sybase ASE, Sybase IQ, Oracle 11g

**Frontend:** Primefaces 5.1, JSF, Bootstrap

#### **Description:**

A reporting system for RAN Sites/Cells to track unplanned outages in the network for 2G and 3G.

#### **Features:**

1. Integrated with OSS systems (Ericsson OSS-RC/ZTE NetNumen)
2. Web interface for FM, access and retention teams to track on-site analysis results and site access status
3. Automated topology-based outage correlation utilizing dynamic transmission configuration data
4. Automated root cause analysis module based on BTS information
5. Executive dashboards to provide insight on overall network and FM performance
6. Operational assistance dashboards to track recurrently flapping cells/sites

#### **Added Value:**

1. Projected savings of more than 12,000 man hours per year (direct impact)
2. Increasing reporting accuracy, speed and quality
3. Enhancing network insight and assisting in network planning/fault management
4. Contributing to penalty avoidance/reduction

## EDUCATION AND TRAINING

01/05/2016–01/09/2016	<b>Leadership for Professionals</b> Ericsson, Cairo (Egypt)
20/04/2015–30/04/2015	<b>HP TeMIP Developer Training</b> Hewlett Packard Enterprise (HPE)
01/04/2015–10/04/2015	<b>HP TeMIP Admin Training</b> Hewlett Packard Enterprise (HPE)

10/02/2014–20/02/2014	<b>HP Service Manager Developer Training</b> Hewlett Packard Enterprise (HPE)
01/02/2014–08/02/2014	<b>HP Service Manager Admin Training</b> Hewlett Packard Enterprise (HPE)
01/10/2013–10/10/2013	<b>Ontology 360 Admin and Developer Training</b> Ontology360
01/07/2014–05/07/2014	<b>Linux for Unix Administrators Part 2 - HL967s</b> Hewlett Packard Enterprise (HPE), Cairo (Egypt)
25/06/2014–30/06/2014	<b>Linux for Unix Administrators Part 1 - HL967s</b> Hewlett Packard Enterprise (HPE)
01/05/2012–01/08/2012	<b>Adobe Publishing Course (Photoshop, Illustrator, InDesign)</b> Graphics Academy Egypt
01/09/2008–01/06/2013	<b>Bsc. in Digital Media Engineering and Technology</b> German University in Cairo, Cairo (Egypt)

## PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
German	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills Good Communication, interpersonal skills and problem solving skills

**Job-related skills**

**Programming Methodologies:** Object Oriented Analysis, Design & Programming  
**Programming Languages:** Java, Prolog  
**Databases:** Oracle, Sybase, PostgreSQL  
**Web Technologies:** / Primefaces, HTML5, JavaScript  
**Web / Application Server :** Tomcat, Glass Fish 4.x, Jboss  
**Java Technologies :** JDBC, J2EE, JPA, EJB, CDI, JMS, JAX-RS  
**Tools:** Maven, Gradle  
**IDE:** Eclipse, Netbeans  
**Operating Systems:** Windows, Linux  
**Telecom:** Intermediate knowledge in RAN, Core and VAS domains