

Amr ElAnsary

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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 etc.
- 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, Bladez 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

Ericsson, Cairo, Egypt

Sep 2013 — Present

Tools and Software Developing Engineer

- Designing and Implementing Tools supporting service delivery using multiple technologies .
- Identifying new business opportunities for Ericsson in the given area.
- Analyzing 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 solutions:
 - Anritsu Master Claw
 - HP Service Manager
 - HP Asset Manager
 - HP TeMIP
 - Ontology 360
 - EMC Greenplum

Awards and Recognition:

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

Orange Labs, Cairo, Egypt

Jun 2013 — Sep 2013

Research and Development Engineer (Intern)

- Developing Android application for a book store in Egypt, which included many technologies:
 - Augmented Reality
 - Speech Recognition
 - Text to Speech

DigiArts Entertainment AB, Stockholm,
Sweden

Jun 2012 — Sep 2012

PHP Developer (Intern)

Schlumberger, Cairo, Egypt

Jun 2011 — Sep 2011

System Administrator (Intern)

SKILLS

Software Modelling Language: UML, MS-Office, Visio

Methodologies: OOPS, OOAD, Agile, SDLC, ITIL

Languages: Java, Python, Scala, JavaScript, Prolog

Web Technologies: J2EE, EJB, MDB, Java (JDK 1.7), JSP, Servlets, SSL, JDBC, JavaBeans, Java Script, JSF, XML, JAXB, XSL, XSLT, HTML, Hibernate, SOA, Web Services, REST, SOAP, AJAX, JTA, JMS

Databases: Oracle 10/11g, SQL Server 7.0, Sybase ASE, PostgreSQL, OpenRDF

Operating Systems: Windows, UNIX

Application servers: Apache-tomcat, GlassFish, JBoss

Tools / IDE: Eclipse, NetBeans, Crystal Reports, Apache Ant, Maven, Gradle, JIRA, Business Objects

Version Control Tools: Git, Tortoise

Frameworks: Spring (MVC), PrimeFaces, OmniFaces

Telecom: Intermediate knowledge in RAN, CORE and TX

EDUCATION

BSc. in Digital Media Engineering and
Technology

— 2013

German University in Cairo

Media Engineering and Technology aims at the evolving field of nearly all aspects of information and multimedia processing. The study program in Media Engineering and Technology rests on the same fundamentals as for Information Technology, i.e., mathematics, physics, electronics, computer science, communications, and their related methodologies, with specialization and extension to media technologies such as voice, audio and video, multimedia, media design, information retrieval and representation concepts.

PROJECT HIGHLIGHTS

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 3

<http://www.amrelansary.com>

Description:

Web based application facilitating automatic BSS/ RAN network elements outage incidents reporting communications between NOC operations teams (FO, BSS Support, TX Support) with the FM teams to provide common communication platform for service impact incidents

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

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

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Description:

Enterprise java application that is acting as SMS interface between Field Maintenance Engineers and the Network Operation to assist in Fault Management, capable of implementing SMPP protocol with pluggable backend modules that can be integrated with many applications to facilitate providing real-time statistics, information and automatic notifications about network status, statistics, performance KPIs and operations in a request-response manner as well as bringing automatic SMS notifications to multiple network operations events, health checks and/or incidents.

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

COURSES

- Free Code Camp (Full Stack Developer Certification)
- Leadership for Professionals (*Ericsson, 2016*)
- Linux for Unix Administrators Part 2 - HL967s (*Hewlett-Packard, 2015*)
- Linux for Unix Administrators Part 1 - HL967s (*Hewlett-Packard, 2015*)
- HP TeMIP Admin Training (*Hewlett-Packard, 2014*)
- HP TeMIP Developer Training (*Hewlett-Packard, 2014*)
- HP Service Manager Admin Training (*Hewlett-Packard, 2014*)
- HP Service Manager Developer Training (*Hewlett-Packard, 2014*)
- Ontology 360 Admin and Developer Training (*Ontology360, 2013*)
- Adobe Publishing Course (Photoshop, Illustrator, InDesign) (*GraphicsAcademy, 2012*)

LANGUAGES

- **Mother tongue:** Arabic
- **Other Languages:**
 - English (C2)
 - German (A1)