

Mohammed Hassan

Helsinki, Finland. E-Mail: msameer@foolab.org

Work Experience:

Senior Software Engineer (Nokia Devices - Maemo software)

July 2008 - present

- Participate in the software development for the Multimedia framework.

Localization Engineer (Nokia Devices (Formerly Nokia Multimedia) - Maemo software)

February 2007 - July 2008

- Research, implement and develop various processes and tools needed for managing and improving the localization quality for Maemo software (Formerly OSSO).
- Prepare the translation files for the translation vendor, quality check the actual translation deliveries, package and send them to integration.
- Technical support was given to the vendor engineer if needed.

Software Developer/Open Source liaison (OpenCraft)

November 2005 - February 2007

- Implementing websites and online/intranet portals using Drupal.
- Customizing various Open Source software applications to fit the needs of the company clients.

R&D Specialist (IT Synergy)

December 2004 - September 2005

- Localization of the company GNU/Linux based Multihead solution.
- Updating the Multihead solution to a recent version of Mandrake.
- Modifications for phprojekt to comply with our clients' requirements
- Maintenance of the company web and mail servers
- Various software required internally by the company

GNU/Linux System Administrator (ZADSolutions)

September 2003 - October 2004

- Linux system administrator, Management and administration of the various company servers, Among them is amrkhald.net, moezmasoud.com and other small sites.
- Administration of apache, MySQL, postfix and courier MTA for virtual hosts.
- Maintenance of the GNU/Linux intranet server "firewall, file and print shares".
- Maintenance of the internal network.
- Help desk and support for the php developers.

AZA-Group (AZA-Group)

- Linux server deployment for AHED: File, print and connection sharing, Firewall, Mail, Proxy & Centralized backup.
 - Branch sales information aggregation system.
 - Development of a network marketing management system.
 - Database design for a resource index and work group discussion forum for NGO-CRC.
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Technical Skills:

Operating Systems:

- Very good knowledge about GNU/Linux "Red Hat, Mandrake, GNU/Debian".
- Basic knowledge about Microsoft Operating Systems: MS-DOS, Windows 9x, Windows 2000.

Programming:

- C, C++
- Perl, Python, php
- SQL
- HTML, CSS, Javascript
- UNIX Shell
- Fair knowledge about GNU/Linux internals, system calls, pipes, ...
- Good experience with developing GUI applications using Gtk, Gtkmm and Qt

Miscellaneous:

- Debian developer as of March 2007.
- Drupal including writing modules and customization.
- Cross platform applications development using Gtk, Gtkmm and Qt

GNU/Linux Services:

- Apache
- DHCP
- Courier MTA "Including virtual hosts configuration"
- Cyrus IMAP "Including virtual hosts configuration and IMAP encryption"
- Postfix "Including virtual hosts configuration and SMTP encryption"
- CVS
- Samba "Windows file and print sharing"
- Iptables
- MySQL
- PAM
- Basic LDAP knowledge "centralized authentication"
- Basic knowledge about Asterisk PBX

Volunteer work:

Arabeyes core member:

May 2005 - November 2005

Managing (through Core Management Team) the first Arabic Open Source community largely responsible for the Arabization of UNIX environments.

- Katoob, A Unicode enabled text editor tailored to suite the needs of the Arabic user
- January 2005: Participation in Asia source I as one of the localization track facilitators.
- January 2006: Participation in Africa source II as one of the NGO migration track facilitators.

EGLUG Co-Founder and Administrator:

May 2004 - April 2006

EGLUG the Egyptian GNU/Linux user group aims to promote FLOSS and GNU/Linux in Egypt.

- Participation in various events to spread GNU/Linux in Egypt.
- Helped giving a GNU/Linux course for the Menia university TAs.
- A presentation about the state of Arabic support and the free desktop as part of the MENGOS conference.
- Gave a session on effective bug reporting for the EGLUG members.
- Helped MENGOS installing a GNU/Linux lab.
- Helped setting up the GNU/Linux lab at the culture wheel for the use in various activities including EGLUG ones.
- Participating in a GNU/Linux crash course for a new NGO.
- Co-organizer and volunteer for the 2nd install fest in the Sawy cultural center, The 10th of September, 2005.

Linux-Egypt Forum X-Moderator:

Linux-Egypt was the first Linux community in Egypt.

- Participation in various events to spread GNU/Linux in Egypt.
- The first Linux-Egypt Install fest "Al sawy culture wheel", Saturday, 1st of May, 2004.

Projects:

- Qobra, a Qt/QtWebKit based browser (Under development)
 - Katoob, A Unicode enabled text editor tailored to suite the needs of the Arabic user (Orphaned)
 - Baghdad, An Arabic spell checker based on *Tim Buckwalter's* Arabic morphological analyzer.
 - Some contributions to phaeronix a live CD by one of the EGLUG members.
 - Development of a standard X-Window system tray component for the PekWM desktop environment (peksystray).
 - Contributions for some Open source projects: X chat, Gtksourceview, GnomeICU, lineakd, hpanel.
 - Small code fragments and scripts in my CVS.
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Talks, Presentations and Conferences:

- *January 28th - February 4th 2005*: Participation in Asia source I as one of the localization track facilitators.
 - *March 14th 2005*: A presentation about the state of Arabic support and the free desktop as part of the MENGOS conference.
 - *July 26th and 27th 2005*: Gave two presentations during the 2nd OSS conference in Jordan organized by INT@J: OS Developer's Perspective: An Open Source Toolkit and The Status of Localization/Arabization of Linux and Open Source Software
 - *January 8th 2006 - Jan 15th 2006*: Participation in Africa source II as one of the NGO migration track facilitators.
 - *July 12th 2006 - July 16th 2006*: Trainee, North African Regional Wireless Training Workshop, Morocco organized by APC
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Personal:

- Nationality: Egyptian.
 - Age: 28
 - Date Of Birth: 29/3/1981
 - Place Of Birth: Cairo, Egypt
 - Marital state: Single.
 - Education: Faculty of pharmacy, Cairo university.
 - Interests: I usually spend my free time reading, Trying to learn new technologies and increasing my knowledge about GNU/Linux, Maintain my website www.foolab.org, and trying to spread GNU/Linux by joining various EGLUG activities, Maintain my own software projects and/or trying to fix bugs in other software applications, specially related to Arabic as well as participating in volunteer work.
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Last modified: 30th of May 2009.

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