

HANI QASSIM

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SOLARIS™ OS



EDUCATION

- Sep. '00 – May '05 **University of Western Ontario, London, Ontario**
B.Eng. Software Engineering
- Sep. '04 – May '05 **Richard Ivey School of Business, London, Ontario**
Business for Engineers
- Jan. '05 – May '05 **University of Western Ontario, London, Ontario**
Technological Entrepreneurship and Innovation
- Sep. '03 – May '04 **University of Western Ontario, London, Ontario**
Cisco Academy, CCNA Sem 1 – 4
- Sep. '95 – May '97 **Southern Alberta Institute of Technology, Calgary, Alberta**
Computer Engineering Technology Diploma (Honors)

EXPERIENCE

- Jun. '99 – Aug. '01 **ONEWORLD Software Solutions, Cambridge, Massachusetts**
www.oneworldsoftware.com, Currently www.estartasolutions.com
Boston Fast 50 company (2000)
Senior Software Engineer
- Fixed-Time/Fixed-Price software engineering consulting company
 - UNIX software department manager
 - Strategic planning in open-source business model
 - Client management and facilitating design workshops
 - Major projects:
- France Telecom, www.francetelecom.com**, MobileCom Email2SMS System
Project Manager/Technical Team Leader (TTL)/Architect
Email to SMS management and monitoring software system
- Xypnos Technologies Inc., www.xypnos.com**, XypOS 1.0 Embedded OS
Project Manager/Technical Team Leader (TTL)/Architect/Developer
Linux based embedded operating system for pervasive processors.
- ONEWORLD Software Solutions**, ONEWORLD Linux Installer
Project Manager/Architect/Technical Team Leader (TTL)
Linux graphical installer to package software applications and automate analysis, configuration and deployment
- mValue, www.mvalue.com**, E-mail Scheduler application
Architect/Developer
Mail management software system scheduling e-mail messages.
- H&R Block, www.hrblock.com**, Online Tax Processing
Technical Team Leader/Developer
Nation wide solution for a software security malfunction
- Kaivo Software Inc., www.kaivo.com**, IF/Linux
Architect/Open-source Model Consulting
Linux based web application using open-source technologies
- Thompson Financial ESG, www.tfn.com**, Global Health Monitor (GHM)
Software Architect
Distributed software system for a broker to broker transaction processing system

NetCalendar, www.netcalendar.com, Web Application performance analysis/redesign
UNIX Developer
Porting scheduling library from Perl to C/C++ on Linux systems

Nov. '97 – Feb '99

Jordan Internet Network, Amman, Jordan

www.joinnet.com.jo

Computer Engineer

- ISP system operations, maintenance and growth planning
- Design, develop and deploy networks of Unix Access, Authentication (Tecas+/Radius), DNS, Web, FTP, Streaming and Application servers
- FLAG Telecom, www.flagtelecom.com, Remote systems control software
- AVIS, www.avis.com.jo Rent A Car Web Application development

SKILLS

Business Administration

- Entrepreneurship (market research, business planning, investing)
- Financial statements. marketing, engineering economics, organizational Behavior

Project Management

- Scope, time, resources and cost estimation
- Engineering processes, quality, risk analysis and mitigation
- Training and mentoring leadership, facilitation, effective meetings, and brainstorming

Software Engineering

- Software Requirements, Testing and Risk Assessment/Mitigation
- Software Design (UML/MOF, Rational Rose Enterprise, n-Tier, Distributed, SOA, design patterns)
- Software Quality (QA), Reliability and Maintenance (CMM, ISO 9000 processes)
- Software Development (C/C++, C#, Java, Perl, PHP, XML, SQL, x86/Motorola Assembly)
- Design and Implementations of Computer Networks (TCP/IP, Cisco Routers, Tecacs/Radius)
- Middleware (J2EE, EJB, Sun Java Application Server/JBoss, CORBA)
- Database Management Systems (ORACLE, MySQL, Cloudscape/Derby, JDBC, ODBC)
- Operating systems (Solaris, Linux, Microsoft Windows)
- Configuration Management CVS/SVN
- Information Security (Encryption/Decryption, Authentication and Authorization systems)
- Technologies: GTK+/GNOME, automake, autoconfig, SWING, SWT, XML/RPC, SOAP, WSDL, RPM, gcc/glibc, Linux Kernel, Linux distribution design, XSLT, JAXB, SAX, Apache Web Server, LDAP, Sendmail, mono.

Computer Engineering

- Microcomputer systems
- Electrical & electronic systems
- Control systems
- Real-time, pervasive and embedded systems

VOLUNTEER WORK

Jun. '04 – May '05

LE⁰¹ Prepaid Electronic Payment System

J2EE distributed system for anonymous payment processing. Part of university research thesis.

Sep. '03 – May '04

Hotel Reservation System (HRS) open-source software project, hrs.tigris.org

3-Tier ERP & CRM system

Nov. '99

Mixed mode executable compiling for POSIX operating systems

R&D of native software components that can carry compressed data

Feb. '98

Open-source Business Model seminar

Seminar at the American Expo and the Jordanian trade center in cooperation with Beyond 2000 Software Solutions

AWARDS & ACHIEVMENTS

Global experience in multicultural/multidiscipline environments
Linux/Open-source extensive experience since 1996
Sun Solaris Certified System Administrator, 1999
Brainbench Certified Unix Administrator, 1999
Brainbench Certified Linux Administrator, 2000
Alberta Society of Engineering Technologists, ASET, 1996
Institute of Electrical and Electronics Engineers, IEEE, 1996
Professional Engineers of Ontario PEO, P.Eng. Candidate, 2002
Worldwide Institute of Software Architects, WWISA, Practicing Member, 2003

HOBBIES

Flamenco guitar, International Cuisine Cooking, Economics/Politics readings, Poker, Volleyball

REFERENCES

Available upon request