

**ADDRESS**

Jordan – Amman, Tareq

**NATIONALITY**

Jordanian

**LANGUAGES**

Arabic: Mother tongue

English: Fluent

**WEBSITE**

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# Khalid R. Qasim

## Web & Software Technical Lead



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### ABOUT ME

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**PROFESSIONAL  
SUMMARY**

I'm a talented veteran systems developer, with expertise in coding, application design, defined architectures and successful project leadership.

My diversified technical background includes: web development, mobile application development, image processing, media transcoding, video streaming, cluster server automation, and Unix / Linux deployment and administration.

Each solution I lead it's development is built to be secure, speed optimized, and user friendly; using the latest programming standards, development principles and techniques.

**PROFESSIONAL  
QUALIFICATIONS**

- High value placed on teamwork, flexibility, and quality interpersonal communication
- Strong analytical, conceptual, and organizational skills
- Prompt in planning and implementing agreed-upon proposals and ideas

**SOCIAL  
LINKS**

- Blog: [foksh.com](http://foksh.com)
- Twitter: [twitter.com/khalidrqasim](https://twitter.com/khalidrqasim)
- LinkedIn: [linkedin.com/in/khalidrqasim](https://linkedin.com/in/khalidrqasim)

## TECHNICAL EXPERTISE & SKILLS

### WEB DEVELOPMENT

#### Technologies

- Web development: PHP, MySQL, Sqlite, JavaScript, Apache, NginX, Lighttpd, XML, REST, SOAP, Ajax, JSON, and XML-RPC
- Web UI development: xHTML, HTML5, CSS3, jQuery, UX design, and graphic design for web
- Familiar to Gearman, Python, Ruby on Rails, and Java

#### Experience

- Object-oriented application design and development
- Web services, API's, and web portals development
- Working with CAS and OpenLdap for SSO
- CMS's: Drupal, Joomla, PyroCMS, and WordPress
- eCommerce: Magento, OpenCart, and OSC
- MVC & PHP Frameworks: CodeIgniter, Yii, and Slim
- Web video streaming application development
- Server security, search engine optimization, and performance load optimization

### MOBILE DEVELOPMENT

#### Technologies

- Mobile web development: jQuery mobile, and Sencha touch
- Familiar to Objective-C

#### Experience

- Mobile application UX design: iOS, Android, BlackBerry, and Windows Phone

### SERVER DEVELOPMENT

#### Technologies

- C / C++, Bash / Shell, and Python scripting
- Server-side application development
- Server deployment, and administration

#### Experience

- Web hosting servers deployment, and administration
- Content delivery networks deployment, and administration
- Cloud and load-balanced cluster servers deployment, and administration
- Familiar to AWS, and S3

### OPERATING SYSTEMS

#### Technologies

- Windows 9x, NT, 2K, XP, 2003, & 2008
- Linux RedHat, Fedora, CentOS, Debian, & Ubuntu
- Unix Solaris, & FreeBSD
- Mac OSX

#### Experience

- Familiar to kernel compilation and tuning for Linux & FreeBSD

MEDIA  
STREAMING  
DEVELOPMENT

Technologies

- WOWZA, Red5, Flussonic, and FFmpeg video streaming servers
- DVEO broadcast division encoders, play-out systems, and titling boxes
- IceCast and ShoutCast radio streaming servers

Experience

- Video compatibility optimization for multi-screen and multi-platform playback support (Web, Mobile, and Smart TV)
- Live web video streaming, and video-on-demand streaming techniques
- Any video source (TV DVB) to web video broadcast signal delivery techniques
- Radio to Internet radio broadcast signal delivery techniques
- Web-enabled video surveillance systems development

MEDIA  
TRANSCODING  
DEVELOPMENT

Technologies

- FFmpeg, avconv, and HandBrake

Experience

- Video transcoding, production automation, and delivery techniques

NETWORKING &  
ADMINISTRATION

Technologies

- SSH, Telnet, and FTP
- NFS, AFP, SMB, and CIFS file sharing protocols
- NAS and SAN network storage
- SVN, and GIT source code control

Experience

- Apache, NginX, and Lighttpd web server deployment and administration
- Data centers deployment, and administration
- CCNA, and network security

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## WORK EXPERIENCE

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### TECHNICAL LEAD

#### Elements Systems, Jordan (Sep 2012 – Present)

- Managing the technical department teams
- Leading and managing the software development team
- Management and administration of data center and load-balanced hosting environments
- Systems analysis and engineering
- Video streaming servers development and integration
- Web and mobile systems development and integration
- Working with Facebook, Google+, Twitter XAuth, and other known Open Source libraries
- Development, integration, and maintenance of SAAS and web applications
- Working with Yii, CodeIgniter, Slim, Drupal, Joomla, WordPress, and Open Source
- Development of multi-screen web video streaming players for live and video-on-demand
- Server-side automation development and integration
- Development and administration of cloud-based and cluster servers
- Video transcoding, development, and optimization for multi-screen video delivery
- TV and Radio web video and audio broadcast streaming integration and development

### SR. PHP DEVELOPER / WEB UI DEVELOPER

#### New Thinkers, Saudi Arabia (Aug 2011 – Sep 2012)

- Developing PHP / MySQL, CodeIgniter and Drupal web applications
- Developing JavaScript mobile applications
- Developing mobile and website UI
- Designing mobile and website UX
- Designing multimedia ebooks and publications
- Managing dedicated Unix-Based servers
- Administrating iOS and Android application life cycle

### SR. PHP DEVELOPER / WEB UI DEVELOPER

#### PowerOne Software, Jordan (Nov 2009 – Oct 2011)

- Developing website applications
- Developing website UI
- Designing website UX
- Developing custom extensions for multiple CMS
- Project analysis and planning
- Leading client training sessions and presentations

PHP DEVELOPER /  
WEB UI DESIGNER

Informobility, Jordan (Jan 2009 – Jan 2010)

- Developing websites and eCommerce web applications
- Administrating web server and security
- Integrating web and Windows mobile applications

WEB DEVELOPER /  
SYSTEM ADMIN

Yellow Pages, Jordan (May 2008 – Jan 2009)

- Administrating Unix & Oracle DB's
- Managing publishing and production system
- Administrating and development of the company website, and IT department

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## WORK & QUALIFICATIONS

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EDUCATION

B.Sc. Computer Information Systems (CIS), Al-Balqa' Applied University (BAU), minor of web development and design.

Independent Courses & Certifications:

- CCNA, by University of Jordan
- A+, by Al-Balqa' Applied University.
- Microsoft C#.NET and VB.NET, by Jitawi Training Center.

WORK

I participated and leaded software development of on-line API's, web applications, websites, mobile websites, mobile applications, server-side automation applications, video streaming server applications, video transcoding server applications; such as:

- TV DVB to web live video broadcast streaming, recording, and archive exporting API's
- On-line and off-line server-side video transcoding (conversion) automation applications
- Video-on-Demand web applications
- Websites, mobile websites, and mobile applications

Technical details are available upon request

REFERENCES

Available upon request