

Zsolt Szalay->getCV(3x Certificated Magento developer, Architect)



Different way of thinking, different approaching, different results

- 1./ To load a cached pages in **70ms** is great.
- 2./ To get **customer related information** like mini cart or any data in **30ms** needs a different approach because it's not possible on classic way. 30ms gives you more possibilities on business side and gives better experience on customer side.
- 3./ To build **category pages in real time in 3-400ms** just awesome. (Filter navigation, Product list, Pagination...)



DEMO based on 1 MILLION products: <http://www.boostmagento.com/magento-solr-filter-navigation-angularjs/>
Current own project: <http://SciCommerce.com> - Data Analysis with ELK, PiSci, TensorFlow

Technical background

- **7 years MAGENTO 1 development** (front-end, back-end, CE, EE)
- **1 year MAGENT 2 development** (mostly back-end)
- **1 year LARAVEL Framework** (Authentication, Custom Admin)
- **Strong problem solving, troubleshooting**
- **12 years e-commerce development** (virtuemart, oscommerce, opencart...)
- Strong understanding of **ZEND Framework**
- **1 year NodeJS Rest API building**
- **SAML IdP and SP building for SSO/SLO**
- 15+ years Web development (html5, CSS, **AJAX, SOAP, REST-API**, jQuery)
- Responsive Web design (**Bootstrap**)
- **Strong Database knowledge** (MySQL, PostgreSQL, ORACLE, MongoDB)
- Type 1 virtualization - VmWare, XEN Server
- Type 2 virtualization - Vagrant, LAMP, **LEMP, Varnish, Redis, Solr... full stack**
- **ELASTICSEARCH, Data analysis and visualization**
- Versioning: **GIT...**
- Monitoring: Newrelic, **ELK**, log and slow log files (nginx, php5-fpm)
- Troubleshooting: XDebug, Profiler for performance issues
- Workflow: **Agile: Jira, Rally, Plan.io, Jenkins**

Knowledge of most important Servers

- **CentOS, Ubuntu, Red-Hat EE** linux
- **Nginx**, Apache web servers (GeoIP, Device detection....)
- **MySQL**, PostgreSQL and Oracle database servers
- **Redis Key-Value server**
 - central cache, full page cache and session storage for Magento
- **Varnish cache server**
- **Lucene-Solr Search Engine Server**
- **FPC - LightSpeed - Memcached** - custom solutions
- **Strong troubleshooting** experience

Online CV & Portfolio: www.boostmagento.com

Contact information

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10 Magento Enterprise and

16 Magento Community projects

\$me->getCertificates()

- **Magento Developer PLUS**
- **Magento Developer**
- **Magento Front End Developer**
- **HubSpot Inbound Marketing**



<https://u.magento.com/certification/directory/dev/342011/>

My special areas:

- **Quick understanding problems and beyond**
- **Architect**
- **Magento back-end and performance**
- **Custom module development**
- **Varnish as FPC**
- **Elasticsearch not only for search**
- **Data analysis and visualization**
- **Lucene-Solr and Elasticsearch solutions**
- **Redis key-value server**
- **Nginx - PHP-FPM**
- **Memcached front of MySQL**
- **BIG data**
- **Data messaging**

Twitter: <https://twitter.com/BoostMagento>

LinkedIn: <http://linkedin.com/in/zsoltszalay>

Selling Prediction on multi channel
Data Science #1
Linear Regression
Train your model to get the best fit for Sales prediction
Selling Prediction on multi channel, Data science #1
Zsolt Szalay on LinkedIn
April 9, 2017

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Latest Publications on LinkedIn

Selling Prediction on multi channel
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docker architect for Magento
 Portable... Scalable... Efficient...

45% of Docker users have been able to increase the frequency of software releases
 93% seeing some dev benefit
 57% Docker users have seen improvements in operational environment management
 85% seeing some ops benefit

Docker for Magento Devs and Business
 Zsolt Szalay on LinkedIn
 September 6, 2016

Elasticsearch as Magento session storage
 REAL-TIME data based on sessions

SHOPPING CART
 Result Source

Elasticsearch as a Magento session storage and analyzer
 Zsolt Szalay on LinkedIn
 August 8, 2016

Magento 2 API designing
 Interface => Model

Magento 2 custom API
 Zsolt Szalay on LinkedIn
 July 19, 2016

WEBSITE STORES

PRODUCTS/ATTRIBUTES
 CATEGORIES
 PRODUCTS
 CUSTOMERS
 ORDERS

MAGENTO 2 Data Migration Tool
 Zsolt Szalay on LinkedIn
 July 11, 2016

MySQL 5.7 delivers 1,600,000 Queries/Second in the Point Select query benchmark, 3x faster than MySQL 5.6.

MySQL 5.7: Sysbench OLTP Read Only (SQL Point Selects)

Queries per Second	MySQL 5.7	MySQL 5.6
0	0	0
400,000	~400,000	~400,000
800,000	~800,000	~400,000
1,200,000	~1,200,000	~400,000
1,600,000	~1,600,000	~400,000
1,800,000	~1,600,000	~400,000

MySQL 5.7 3x Faster than MySQL 5.6
 Zsolt Szalay on LinkedIn
 June 19, 2016

MAGENTO Projects (2015 - 2016) as Lead Magento developer

- 2017 www.BavAuto.com
Bavarian AutoSport - BMW & Mini. Lead developer and architect. ERP integration and Google Search (GSA) based filter navigation.
- 2016 www.wirelesszone.com
B2B site. Website did not launch yet. Custom **SAML login** as User and after that as Customer. Top on Magento customers there is a User Type level based on IdP. Solr custom search. Architect design,
- 2016 www.mossberg.com
Magento 2.0 EE - Core fixing
 vendor/magento/module-catalog-search/Model/Adapter/Mysql/Plugin/Aggregation/Category/DataProvider.php
 Problem was in the data provider for filter navigation. Line 77-78
- 2016 www.partsvu.com

 >200K products , **B2B**, ERP, warehouse and quickbook back-end connections. **Solr for search and Elasticsearch** for customized back-end search. Varnish ready puncholeing for future. Special data imports from very different multiple vendors.
- 2015 www.nutiva.com

 Lead Magento developer, data imports.
- 2015 www.mrbeer.com

 Architecture, Lead Magento developer, troubleshooting. Design and full stack setup for servers. Custom multi store solution.
www.mrcider.com

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2015 www.skinmedica.com

Lead Magento developer, Architect design, full server(s) setup

MAGENTO Projects (2012 - 2014)

2014 www.sportpursuit.comBack-end, **GET MINI CART IN 30ms!, GET PRICES IN 40ms!**, own REST-API, Custom Session in **Elasticsearch, Varnish** FPC custom solutions, GeoIP, Device detection. **Built Filter Nav and Product List based on Elasticsearch on fly! ...**2013 www.alexandalex.comBack-end, Session migration to Redis key-value server, Redis failover management, customise FPC-Lightspeed, Dramatically reduced sitemap generation, Slow SQLs, Custom checkout monitoring, GlobalCollect payment2013 www.Sweatshop.co.ukBack-end, Custom checkout, Redis, Tomcat, Lucene-Solr, Data migration, Connection to SportsDirect, Pru-Health validation. SALE items on CMS page2013 www.Runnersworldstore.co.ukBack-end, Custom checkout, Redis server, Tomcat Servlet container, Lucene-Solr Search server, Data migration from legacy site, Connection to SportsDirect, Runner's World validation2012 www.Modelzone.co.ukEE, Back-end, Varnish cache, Custom Pre-Order System, Redis for cache storage.2012 www.TheSignalbox.co.uk

EE, Back-end, Varnish cache, Custom Pre-Order System...

2012 www.eBrookes.co.ukBack-end, more than 500 000 items, strong scripting2012 www.OutdoorLook.co.uk

Back-end, Front-End

2012 www.BeckAndHersey.com

Back-end, Front-End development, export/import, custom development, jQuery

2012 www.Cavells.co.ukBack-end, Front-End development, export/import, multi-store, Multi-search results on one search result page from different stores, Custom development, jQuery, strict HTML and CSS

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Education

2015	MAGENTO Certified Developer Plus - X.Commerce (EBAY company) Certificate
2014	MAGENTO Certified Developer - X.Commerce (EBAY company) Certificate
2014	MAGENTO Certified Front-End Developer - X.Commerce (EBAY company) Certificate
1998	Oracle Education Certificates: <ol style="list-style-type: none"> 1. Introduction to Oracle: SQL and PL/SQL development 2. Oracle8 database for administrators 3. Oracle system network 4. Oracle7 system tuning 5. Oracle7 system backup and restoring 6. Oracle7 database administration
1996	Novell network administration course
1990 – 1993	Számalk - Information Technology and Engineering (3 years) SOFTWARE DEVELOPER
1986 - 1989	Jeno Landler Communication Technology (4 years) COMPUTING TECHNICIAN faculty

Work experience

2002 - 2015

5+ years	MAGENTO E-commerce, Front-end and Back-end development, Strong experience of performance of Magento full ecosystem Architect. Ideas and unique solutions for getting closer to better solutions.
10+ years	E-commerce development (OSCommerce, Virtuemart, PrestaShop)
12 years	Website development in PHP , jQuery, Zend Framework, HTML, HTML5, CSS, CSS3, Prototype,
20 years	MySQL database development and administration Other database experience: ORACLE, PostgreSQL, MongoDB,
4 years	Apache SOLR and Elasticsearch , performance issues, Data visualization
3 years	REDIS Key-Value Server development and administration for Magento e-commerce systems
4 years	VARNISH Cache Server development and administration for Magento e-commerce systems
10 years	Technologies: SOAP, REST-API, AJAX
7 years	CMS based website development in PHP (Joomla, Drupal, Wordpress)
12 years	Adobe Photoshop , Indesign design for DTP and Web
20 years	LINUX system installation/setup/administration, network design/management - Linux: CentOS, Ubuntu, Red-Hat
1 year	AutoCad for 3D modelling
1992 - 2002	Clipper software development with DBASE database
1990 - 1993	PASCAL , Delphi software development
1988 – 1990	Game software development in Z-80 Assembler language . The game has been presented twice on International Fair of Budapest .

