

Martin Tsachev

+353 83 4029944

[Contact Martin](#)

Beaumont Hall, Beaumont Woods, Dublin, Ireland

Profile

Highly motivated Web Developer with 7+ years experience in e-commerce. I am specialized in online payments, fraud prevention, security, performance analysis/optimization, and high availability. I have strong technical, analytical, problem-solving, debugging, and communication skills. I seek a challenging Web Developer position which will allow me to apply my existing experience and enable me to further develop my skills.

Technical Skills

- [PayPal Certified Developer](#)
- [Zend Certified PHP 5 Engineer \(ZCE PHP\)](#)
- [Brainbench certificates](#) - PHP 5, Linux Administration (non distribution specific), Apache 2.0 Administration, E-Commerce Concepts, E-Commerce Implementation
- PHP (4, 5)
- E-commerce, payment gateways and services, PCI DSS
- Perl
- MySQL (3.23, 4.0, 4.1, 5.0) database design, optimization, monitoring, backup
- Apache (1.3, 2.0)
- Linux - Gentoo, Debian, Slackware, RedHat, RHEL, Ubuntu
- FreeBSD
- Lighttpd, nginx
- OOP, modular, and flexible design, design patterns
- Online security - avoiding SQL injection, cross site scripting and forgeries, secure storage of sensitive information
- Subversion and CVS - installation, configuring, hooks, backup, branch maintenance, and merging
- Performance and availability monitoring - Nagios, Zabbix, custom Perl crons
- SOAP / XML RPC, AJAX, CSS, SEO, bug trackers (Mantis, Eventum, Bugzilla), unit testing
- DNS (djbdns and BIND), MTAs (postfix, qmail), bash shell scripting, networks, firewalls and NAT (Linux - iptables, FreeBSD - ipfilter, pf), VPN tunnels (PPTP, VTUN), rrdtool

Work Experience

September 2002 to Present

Make-a-Store, Inc. - Senior Web Developer (reporting to company CIO / co-founder)

24 Alexandrovska St, Rouse, Bulgaria

Make-a-Store is offering complete e-commerce solutions which are used for sites which sell everything - from ebooks and celebrity photos, through consumer electronics to real estate. A special product is available for wedding photographers to enable them to sell photos online. Make-a-Store is headquartered in Boston, MA and offers its customizable solutions since 1994.

Most significant achievement: Designed and implemented high availability hosting cluster with dual MySQL master setup with automated failover and lighttpd load balancing through FastCGI daemons. Automated bandwidth accounting and quota cutoffs or bandwidth surcharge depending on package. [Try a demo](#) - just use the free version. I have implemented the API calls and backend but not the user interface.

- Fully automated provisioning of new customer web sites and recurring billing saving lots of manual work.
- Designed load balanced, high availability hosting cluster to minimize downtime and allow future growth with minimal efforts.
- Manager of the Rouse office, 6-8 employees.
- Responsible for payment and fraud integration.
- Research and design of new features. Developing front and back ends of e-commerce web sites.
- Profiling and optimizing both applications and servers, caching.
- Administration of 60+ FreeBSD servers. Oversaw the successful migration from RedHat and RHEL to FreeBSD.
- Automating system administration and monitoring with perl and bash shell scripts.
- Created a test for prospective PHP programmers using tricky questions.

Integration of websites with:

- 10+ payment gateways including Authorize.Net, CyberSource, VeriSign/PayPal Payflow Pro, PayPal Direct
- third party payment services - Google Checkout, PayPal Express Checkout, Checkout by Amazon
- fraud scoring services - MaxMind, Targus Info, Lexis Nexis, preCharge
- payer authentication services - Cardinal Commerce - Verified by Visa and MasterCard SecureCode
- 3rd party order management, accounting, and shipping software including Quickbooks, Endicia Dazzle, Stone Edge

Personally engaged with custom work for the following sites (partial list):

- [The ShoeMart](#) - Shoes and shoe accessories, features: refine filters, partial caching of generated HTML, integration with Cardinal Commerce for Verified by Visa and MasterCard's SecureCode authentication
- [PR Photos](#) - Celebrity photographs, features: sphinx fulltext search
- [Oompa Toys](#) - Baby toys, features: refine filters
- Initial Incentives - branded poker merchandise with custom sites for Betfair, Stan James, WPT, Gutshot allowing cash or point purchases, securely communicated using web services (site not available any longer)
- [Diesel eBooks](#) - Electronic books, features: Google like Did you mean spelling suggestions
- [Electronics Expo](#) - Electronics retailer

Deeply involved in the design and implementation of the store engine that powers sites, such as: [Cambridge SoundWorks](#) (a subsidiary of Creative Technology), [The Boston Globe Store](#), [Featured Customers](#).

May 2005 to October 2005

NFSN, LLC - System Administrator (Part time, reporting to company President)

NFSN is a pay-as-you-go web hosting provider operating since 2002. Using load balanced and high availability technologies to provide premium performance and reliability, serving over 5000 sites. The company later transformed into NFSN, Inc.

- Administration of a FreeBSD web hosting cluster.
- Adding new features to the custom control panel in PHP.

March 2002 to July 2002 MetaVisia, Ltd. - Web Developer (Reporting to company CEO / co-founder)

MetaVisia is a web development and design company.

- Involved in the development and performance optimization of a dating site in written in VBScript (ASP).
- Refactoring of the code to make it more modular and manageable.

Education

September 1995 to July 2000

Mathematical High School Baba Tonka, Rousse, Bulgaria

Subjects included: Mathematics, English, Computer Science
Leaving Certificate (GPA 5.57, scale 2.00 to 6.00)

Online Publications

- [SitePoint](#)
- [DevShed](#)
- [Evolt](#)
- [WebProNews](#)
- [mtdev](#) (personal site)

Achievements

- Developed a Python FTP sync application - 2002.
- [First featured site of the month](#) for the web hosting company [freedom 2 operate](#) - Oct 2002.
- Assistant teacher in a free online PHP course offered by [freedom 2 operate](#) - 2004/2005.
- Awarded silver PAMP Suisse Fortuna bullion bar by First Investment Bank Bulgaria for online banking feedback - July 2009.

Languages

- English - Fluent
- Bulgarian - Native

Hobbies and Interests

- Photography, table football, table tennis, and swimming. I'm a big fan of Terry Pratchett.
- I like new technology and gadgets. I am particularly interested in GPS, geocoding, and location aware technologies.

References

- Available on request.
- [LinkedIn Recommendations \(requires login\)](#)

Personal Details

- Date of Birth: 08 January 1982
- Nationality: Bulgarian
- Gender: Male

