Andrey. Z

Fullstack Web Developer

Sunnyvale, CA - Email me on Indeed: indeed.com/r/Andrey-Z/c54304d313fbde0f

Andrey. Z
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• 15 years of experience in frontend web development (HTML, CSS, JavaScript)
• 10 years of experience in backend web development (PHP, MySQL)
• 10 years of experience in fullstack developing web-applications of any types and any complexity from simple sites to highload systems with more than million requests per day
• Deep experience in extreme rhythm developing by Agile methodology for increasing customer satisfaction and software quality
• Experienced in work with many modern CMS, e-commerce systems and frameworks
• Driven to increase skills and experience by learning new technologies and participation in new, complex and interesting projects with smart and interesting people
Authorized to work in the US for any employer

WORK EXPERIENCE

Fullstack Web Developer

Self Employed Freelancer - Sunnyvale, CA - February 2005 to December 2015

• Full stack development of any web applications by client's preferences
• Web application specifications development using client's preferences list
• Creation of valid web page markups and usable user interfaces and controls
• Creation of admin's dashboard with different functionality over the web-application (configuration, communication with users, application content etc)
• Testing web applications on vulnerability SQL injection, PHP injection, XSS, session substitution
• Writing user documentation for developed web applications
• Maintenance of developed web applications

Selected Accomplishments:
• Participation in more than 50 different projects
• Development of a management system for chain web stores with more than 5 web shops developed on PrestaShop. The system collects all orders from shops, makes log of orders status changes and sends information of new orders to providers depending on customers locations and orders types. This increased system's speed of order processing and sending orders to providers and customers as well as decreased the count of human errors
• Data search system optimization in a huge database (about 10-million records) search speed increased 10 times. Sphinx Search Engine and memcached was used for increasing search speed and repetitive queries. After optimization, the execution period of complex query decreased from 4 minutes to 20 seconds.

Software developer

Mari State Technical University - September 2006 to December 2010

Yoshkar-Ola, Russia
• Development of education, training and testing software for the university
• Design and development of a teaching materials storage and retrieval system for all university disciplines

• Support and maintenance of developed software

Selected Accomplishments:
• Development of an educational materials storage and retrieval system with access to educational materials for 12,500 students of the university. This system has simplified and increased the speed of searching education information. Students access this data using computers located in the libraries of the university
• Development of an education, training and student testing system that contains learning material in the form of block diagrams, which improved and accelerated studying of this material. Also online testing reduced time of test checking process by teachers from couple of days to 0 seconds. The results of using this system in educational process were very good: training and testing period has decreased by 15%, percentage of students with good test results increased by 10%. This system won the first place at the competition of educational programs in Moscow, Russia

LAST PROJECTS:
• AngularJS samples brings understanding of the framework to newbies. Technologies: JavaScript, AngularJS, HTML5, CSS 3, Bootstrap, jQuery, jQueryUI.
• Python application that informs users about change of currency exchange on the web site kovalut.ru
• Federal website of the program "You are businessman" in republic Mari El. Technologies: HTML5, CSS 3, PHP 5, MySQL, JavaScript, jQuery, Bootstrap, Zend Framework 2, Doctrine 2
• Online-shop "Triatrade". Technologies: HTML 5, CSS 3, PHP 5, MySQL, JavaScript, jQuery, AJAX, JSON, memcached

EDUCATION

MS in Computer Information Security
Moscow University   -   Москва
2008

SKILLS

PHP, SQL, Python, JavaScript, AJAX, AngularJS, HTML, CSS, CSS preprocessor Sass, jQuery, jQueryUI, Bootstrap, RESTful API, Doctrine, Libcurl, memcached, Smarty Templates Engine (7 years), MySQL, MariaDB, Sphinx Search Engine (8 years), Zend Framework, MODx, WordPress, Shop-Script, osCommerce, PrestaShop, Moodle (8 years), HTTP(S), FTP, SSH, WebDAV, XML, JSON, JSONP (7 years), Agile, Scrum, OOP, Design Patterns, UML (8 years)

ADDITIONAL INFORMATION

SKILLS:

Programming
PHP, SQL, Python, JavaScript, AJAX, AngularJS, HTML, CSS, CSS preprocessor Sass, jQuery, jQueryUI, Bootstrap, RESTful API, Doctrine, Libcurl, memcached, Smarty Templates Engine

Database MySQL, MariaDB, Sphinx Search Engine
CMSs and frameworks Zend Framework, MODx, WordPress, Shop-Script, osCommerce, PrestaShop, Moodle
Methodologies Agile, Scrum, OOP, Design Patterns, UML
Protocols and formats HTTP(S), FTP, SSH, WebDAV, XML, JSON, JSONP
Platforms Linux (Arch Linux, Debian, Ubuntu, Linux Mint, Elementary OS), Windows

Other
Remote debugging on Android with Chrome DevTools, Git, TortoiseSVN, Google Analitics API, Google Maps API, LinkedIn API, Facebook API, Twitter API, 2Checkout API, WebMoney API, NetBeans, PHPStorm, Eclipse, Adobe Photoshop, GIMP