

Andrew Kolesnikov

Software Engineer

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B.S. in Computer Science
University of Southern Maine
Portland, ME

B.S. in Economics
University of Southern Maine

Over six years of experience in Web Application Development, including Distributed Applications with PHP, Python, Javascript and HTML/CSS.

Agile practices like pair programming, code reviews, test-driven development with Git and Subversion, Scrum, continuous integration.

MVC, OOP & REST, Design Patterns and coding to web standards. Accomplished (5 yrs) front-end with JavaScript, AJAX, CSS 2.1, XHTML. Superior UX implementations. Gracefully degradable, maintainable and reusable code. Remote deployment with Capistrano.

Experience

Portfolio: andrewkolesnikov.com

Hunt & Gather, Boston, MA 2007—present
Senior Web Developer

While leading an agile development team, built and maintained numerous CakePHP and Django applications for clients like Viacom, Hearst, Harvard HBS, WGBH, Lindt and others. Evaluated and introduced agile 'best practices' which reduced management overhead and improved developer productivity and code clarity. Delivered applications in Flex and using Vimeo, Bits on the Run and Twitter/Facebook APIs.

Division of Information Technology 2005—2007
University of Southern Maine
Software Developer, Network Support Engineer

Developed and maintained PHP and Java applications, including RMI, SWING, and J2EE applications. Created departmental websites using Ruby on Rails, AJAX, and C#. Developed and customized content management systems. Customized system software, including Novell Groupwise, Netware Clients, and PeopleSoft Enterprise for 3000+ university users.

Center for Information and Telecommunications 2003—2005
Chernivtsi National University
Software Engineer

Designed, developed, and maintained a fully-automated admissions system, running Java (JSP) and Firebird (Java, Tomcat, OpenSSL)
Designed and deployed a campus-wide client-server system with 5000+ network users and 14 academic departments. (Cisco 25xx, 802.11*, Portsentry).

Techsphere 2002—2003
Systems Engineer

Built, delivered and supported an interdivision information and evaluation system for medical staff. (FreeBSD, Tomcat, MySQL, JSP).

Skillset

CakePHP, Django, jQuery/UI, Yahoo UI Library, PHPUnit, Ruby on Rails, shoulda, test/unit, mocha, RSpec, Selenium.

Databases

MySQL, MSSQL, Firebird, CouchDB, Sphinx, Oracle, ActiveRecord, Hibernate, JDBC.

Deployment

Nginx, Mongrel, Capistrano, Apache, Tomcat.

Platforms

Mac OS X, Windows and Unix-Linux (esp. Debian, CentOS and RedHat Enterprise)

Additional skills

Competent Photoshop and UX Design skills, ActionScript 3 & Flex.

Viacom Flux, E-commerce with PayPal and Authorize.NET, OpenID, Webkit, OpenSSL, WSGI, LDAP, VPSs, SOAP, XML, JSON, YAML, Perl/CGI, RPC/RMI, UML, SOAP, IIS, JSP, Servlets, Struts, Hibernate, CSS3, HTML5, iPhone platform, Facebook and Twitter APIs.

Strong knowledge of Web Security tools and concepts: XSS, XSRF, Session fixation, SQL Injections, Apache2 modsecurity, IDS/IPS, Firewalls, SSL/TLS, VPNs, vmware, honeynets, sniffers, Snort, PortSentry, Nessus, iptables/ipf, nmap, MetaSploit, Canvas, TCP/IP, RADIUS, PP2P, SNMP.