Gregory Szorc

2020 Green St. #7
San Francisco, CA 94123
gregory.szorc@gmail.com
http://gregoryszorc.com/
765.432.3615

Experience

Senior Software Engineer, Mozilla   July 2011 – Current

◊ Technical steward of the Firefox build system; spearheaded transition from legacy tools and mechanisms that helped increase developer and automation efficiency
◊ Lead implementor of Firefox Health Report for Firefox desktop
◊ Significant contributions to Firefox Sync; required understanding of browser internals, distributed systems, and cryptography
◊ Advocated for and developed numerous tools, mostly to aid with developer productivity
◊ Performed most work in the public domain
◊ Developed skills for working in a highly-distributed work force and team

Engineer, Xobni   July 2010 - May 2011

◊ Primary engineer for Xobni Cloud contact and email management service
◊ Lead transition of operational monitoring and system management from "wild west" by utilizing Puppet and Opsview/Nagios

Software Development Engineer, Tellme Networks / Microsoft   2007 – June 2010

◊ Built, deployed, and maintained numerous web services and servers receiving millions to billions of queries per year while operating near 99.99% availability
◊ Learned and utilized practices for deploying large scale, distributed, and redundant services
◊ Wrote applications for aggregating and monitoring geo-distributed events for near real-time alerting and statistical analysis
◊ Developed enhancements to system used to provision thousands of servers
◊ Evangelized and deployed better tools for engineers (source code systems, code review practices, auditing practices, internal tools)
◊ Became go-to person for questions on Apache httpd, compiling packages, mod_perl, others

Education

Case Western Reserve University   B.S.E. in Computer Engineering   2002 – 2006

Skills

Programming Languages

Highest Competency	C, C++, C#, ECMAScript, Perl[1], Python, Make, Firefox extensibility
Intermediate	SQL, Lua (C and script), PHP
Hobby level	Verilog, Java, D (DTrace), Erlang

Applications Apache httpd (inc. C module development), APR, BASH, Cassandra, Collectd, DTrace, GDB, GCC, Git, Mercurial (including extension development), MySQL, *NIX shell, OpenSSH, Opsview/Nagios, PostgreSQL, Puppet, Visual Studio, ZFS, 0MQ

Protocols HTTP, TCP/IP, UDP, DNS, SIP, TLS

Misc network load balancing techniques, distributed application development and deployment, scalable application design, passion for user experience, cryptography applicability and techniques, version control systems

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[1] I'm skeptical of anyone who lists his or her Perl skills as "expert" and I'm not asserting my Perl skills are at this unachievable level