



Mike Smullin

Computer Scientist of 12+yrs pro. exp.

Mastery of*: Node.JS 0.10+, ECMAScript 5+, Coffeescript, Ruby 1.8+, Rails 2-3, MySQL/Percona 5+, PostgreSQL 8.4, HTML4+/CSS2+, Photoshop, Ubuntu 10+, Windows, OS/X, Git, Vim, IntelliJ, Eclipse, Visual Studio, MonoDevelop, Devops, Parallel processing, Distributed systems

Currently practicing: Java 6-8, C# .NET/Mono, Unity3D 4+, Blender 2.5+, FL Studio 11, Big Data systems, Raspberry Pi

Experience:

* Skillset truncated for brevity. For full details, see [Github.com/mikesmullin](https://github.com/mikesmullin).

2013–Current Lead Server Developer, WildWorks Salt Lake, UT

Led existing technical team to solutions enhancing overall scalability of their most successful MMO game server architecture from 26k to 100k+ concurrent users (CCUs). Migrated remotely managed hardware to a co-located datacenter for vertical scale and experimentation, and to the cloud for horizontal scaling. Significantly reduced operational costs at each stage. Grew from 40 to over 150 servers in three datacenters including São Paulo, Brazil. Server count scales with load. Entire architecture can be rebuilt in a day. Abstracted the technology to be easily copied and reapplied to the company's new line of mobile products.

Node.JS, ECMAScript, Coffeescript, Java 6/7/8, C# .NET, AWS RDS/DynamoDB/Route53/VPC, Bash, Ruby, Rails, Sinatra, Percona Server, HTML5, Redis, MongoDB, Flash/ActionScript, Hadoop.

2010–2013 Strategic Partner, Luxus Telecommute

Contract for Smullin Design; filled various roles including Lead Programmer, Systems Analyst, Recruiting Assistant, and Project Manager over a modest team of 3-10 entry-to-mid level developers. As a multi-million dollar annual revenue global digital marketing agency, Luxus engages Smullin Design as one of multiple key agents providing strategic delivery of technical services for their end-clients who include many Fortune 500 corporations like Whole Foods and Nokia.

“The man did miracles I have never seen before from a contractor and probably never will again. There was never a time where he didn't have a solution or solid recommendation. His knowledge and experience with the things he does is mind blowing and a true pleasure to watch.”

– Jason Kinne, Producer, Luxus, Inc.

Ubuntu Server 12.04 64-bit, AWS EC2/S3/CloudFront, Rackspace, PHP 5, Ruby 1.9.3, Rails 3, MySQL 5, Node.JS, MongoDB, JavaScript, CoffeeScript, HTML5, CSS3, SSH, HTTPS, SSL, Opscode Chef, Capistrano, RTMP Streaming, FFMPEG, H.264, MP4, Flash, MS Azure, VPN, Photoshop, Sony Vegas

2006–Current Sr. Tech Director, Smullin Design S. Jordan, UT

Began as a sole proprietor exclusively working local referrals. Grew to become an international agency via oDesk.com and other online globalized marketplaces, employing up to 10 people full-time worldwide. Computer programming is my core competency and greatest value, but I also often end up in management roles. *I enjoy contracting but will accept full-time employment when solid opportunities arise. (e.g. ownership/equity, skills/growth, etc.)*

Project Management, Agile Methodology, Test/Behavioral-Driven Development, Continuous Integration, Pair Programming, VirtualBox/VMWare Virtualization, PfSense Network Security, Linux/Windows/Mac System Administration, BTRFS

2011–2012 PHP Programmer, NetPlenish Telecommute

Contract for Smullin Design; The #1 most followed mobile commerce startup on AngelList.co. A 500 Startups company, raising \$1.9M seed funding from Dave McClure, Gold Hill Capital, BHV Capital, TEEC Angel Fund, Ludlow Ventures and several angel investors, including its founders. Providing a mobile shopping service finding the lowest prices on household goods.

PHP 5.3, CakePHP 1.3, MySQL 5, HTML5, JavaScript, Responsive CSS3, RESTful HTTPS API, Native iPhone, Native Android, CentOS 5 System Administration, U.S. Federal/Financial Industry Regulatory Compliance (PCI DSS)

2005–2006,

2009–2010 Programmer, TruVision S. Jordan, UT

My second real programming job at the early stages of my career, was acquired by a company that relocated staff to Canada, which prompted my resignation. Though the company's President and largest Angel investor remained on good terms with me, gave a prized endorsement (see below), and would later re-hire me as the company later fell into bankruptcy, settlement, and original founders sued to regained control and engaged me to re-establish their IT infrastructure under the name TruHearing, Inc. This commitment yielded many dividends and I remain a private holder of preferred stock to this day.

“Mike is the best web software developer I have worked with ... TruVision's rapid growth and eventual strong sale price would not have been possible without the attractive applications Mike developed for us ... I recommend him unconditionally.”

– Scott Frazier, President, Utah Angels

PHP 4/5, MySQL 4/5, PostgreSQL 8, CSS 2, JavaScript, RedHat 5 Linux System Administration, Apache2, Adobe Photoshop 6, Macromedia Dreamweaver 6.0/MX, ZFS, HTTPS/SSL, Bash scripting, AJAX, DNS, BIND, SMTP, Sendmail, SpamAssassin, Munin, Nagios, NAT, Port Forwarding, U.S. Federal Regulatory Compliance; Sarbanes–Oxley Act of 2002 (SOX), The Health Insurance Portability and Accountability Act of 1996 (HIPAA)

... (Work history truncated for brevity. For full details, see [LinkedIn.com/in/mikesmullin](https://www.linkedin.com/in/mikesmullin)) ...

2008–2010

Founder, Smullin Supply

Eagle Mtn., UT

Started a small family-owned retail e-commerce business headquartered in Eagle Mountain, Utah featuring over US\$4.5M in products related to outdoor survival equipment. Responsible for strategy, financing, product sourcing, operations, marketing, and human resources. Assisted by family members handling operations and fulfillment. Call center of 30+ customer care representatives handling 24/7 sales and customer service. Multiple warehouse fulfillment centers strategically positioned from coast to coast for fastest possible shipping. Recognized eBay PowerSeller.

Drupal 6, [Magento 1.1](#), SugarCRM, XML, Apache 2, PHP 5, [PostgreSQL 8](#), [QuickBooks](#), [Double-Entry Accounting](#), APIs for: [eBay](#), [PayPal](#), Yahoo Shopping, Amazon Marketplace, [Google Checkout](#)

Education, Certifications, and Achievements:

1999-2003

West High School

Salt Lake, UT

Graduated 3.5 GPA with Honors in Applied Technology Education. First to receive CompTIA® A+ Certification in my school district. Received partial tuition scholarship from the Sinclair Oil Corporation to attend Salt Lake Community College.

I am a 2nd-generation programmer, as well as a highly-motivated, self-directed learner. In 2010, I took 3rd place in SANS: NetWars Round 6, one of the key hacker competitions in the United States Cyber Challenge.

Objective and Motivations:

Technical mastery of industry best practices and cutting-edge trade skills, work-life balance, conscious capitalist business initiatives, self-directed investment toward a planned, secure, and intentional retirement, and ultimately making the world a better place for my immediate family and future posterity.

References*:

* Contact information and salary history available upon request.

- **Jason Kinne**, Texas, Project Manager; supervised me directly for over two years.
- **Jeff Cook**, Utah, Computer Scientist; former colleague and ongoing business associate.
- **Nasir Hussain**, Pakistan, Mid-Level Developer at Smullin Design; loyal subordinate over one year.

Other Interests:

Robotics, Microcontrollers, Open-Source Ecology, Aquaponics, Urban Farming, Beekeeping, Permaculture, Alternative Energy, Sustainable Housing, Eco-villages, 3D Printing/Additive Manufacturing, Vertical Farming, Internet-based Political Activism, Survival, Rocket Mass Heaters, Electronic Gaming, Gamification, Recreational Shooting, Business Management, Digital Currencies, eCommerce, Investment.