

Jason K. Jackson

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Goals: I am interested in contracts focusing on the automation of systems and clouds. I wish to remain on the cutting edge of technologies ranging from virtualization, cloud computing, large distributed systems, monitoring, management and automation of large infrastructures. I wish to combine my breadth of technological skills and cross cultural business experience to assist companies implementing clouds and infrastructure as a service (IaaS) class technologies.

Areas of Expertise

- Systems automation (DevOps) and cloud infrastructures.
- Ruby Programming and experience with most web and operations Ruby frameworks.
- Design and implementation of service oriented architectures.
- Large scale email distribution systems and email deliverability.
- Development of various software as a service (SaaS) applications.
- Cross-cultural experience in project management and group leadership in Asian cultures.
- Outsourcing and offshore best practices and strategy.

Professional Experience

2010 - present

Cloud Scaling - Chief of Automations

Cloud automations lead consultant.

2007 - present

Monster Worldwide - Senior Operations Engineer

Senior Operations Engineer, lead resource on systems automation. Responsibilities include:

- Development and systems automation for Monster Worldwide companies. Implemented the Puppet automation framework across hundreds of nodes. Later became an Opscode contributor to the Chef automation framework project and implemented it across hundreds of nodes.
- Distributed monitoring solutions across very large infrastructures.
- Management of large virtualized infrastructures.
- Author of Mail Sauce, a massively scalable distributed email / newsletter system which is currently in production and sending **billions** of emails a year.
- Email deliverability lead. When hired overall deliverability was at 35% inbox, now inbox percentages are in the high 90th percentile and have been maintained for the last two years, directly contributing to increased revenue.
- Engineer of many ruby based operations tools ranging from reporting and tracking tools, systems and service integration, load testing, data management, and operations release process.

2007 - 2007

Core Continuum - Software Engineer

Ruby on Rails software engineer for a San Francisco based consulting firm. Roles include application development, deployment and operations. Proved that Ruby on Rails applications can scale, as seen on high availability client applications like the LA Times and Universal McCann.

2006 - 2007

WebMD / Subimo Healthcare - Systems Administrator

Operations engineer and systems administrator. Roles included management of operations environments and all related systems and services. Operations tools, system and service integration, and engineering support.

2003 - 2006

Wirerunner Software - Project Manager, Systems Engineer

Software engineer and consultant. Responsibilities included building the service layer which supported Wirerunner's mobile applications. Consulting with Wirerunner clients advising on how Wirerunner services can increase revenue through making their existing products available to a mobile market, and proposing and leading the implementation of technical solutions to integrate such services. Facilitated communication between Wirerunner sales and telecommunications companies including Orange and AIS Thailand.

1996 - 2002

Shocking Internet Services - Systems and Network Administrator

Responsibilities included all areas of system and network administration. Server maintenance, software upgrades, security, installation of third party software, and operating system design. Linux routing solutions and custom firewall design. Security analysis of local and client systems and networks.

Personal Ventures

2003 - 2006

Websourcers LLC

Specializing in managed outsourced services. Websourcers specializes in finding talented web designers and programmers in Asia and marketing their services to employers in America. The company differentiates its services by handling all cross-cultural communication and management between the client and the employee.

2000 - 2002

Linux Consulting Team LLC

Activist and owner of an open source consulting company that was started during the time of Microsoft's licensing enforcement. Offered open source consulting to companies in New York City with aims to assist our clients in lowering the expenses incurred from inflated software licensing. First experience with direct, intensive sales rapport.

2000 - 2002

Cymosurf LLC

Cymosurf aimed at building "wireless neighborhoods" through coffee shops and cafe's in Manhattan and surrounding borough areas of Williamsburg and Park Slope. Utilizing a Linux based kiosk which integrated Cymosurf services that not only provided internet, but a channel for location targeted marketing for local businesses. In addition to technical, responsibilities included sales, customer support, client support and public relations.

1999 - 2000

Cupid's List LLC

Developed, designed and sold. Offered matchmaking services to free and paid members. Involved in all aspects of LAMP development, design, and marketing. First experience with filing an LLC in New York City, corporate minutes, bookwork, and self-employment.

Personal Projects**Opscode Chef Contributor**

Professionally engaged with Opscode and the chef systems automation platform since its 0.5 release. Source code contributor and author of the network provider and resource, as well as the initial route provider and resource, making automated configuration of network interfaces and routes possible.

Chef Approved Contributors

Featured in the following of the 0.7 version press release:

Press Release**Mail Sauce**

Author of Mail Sauce, an open source distributed email system which is currently in production sending billions of email newsletters a year.

Source Code**Mail Sauce EM**

Author of Mail Sauce EM, an open source distributed event machine based email system. Mail Sauce EM is a prototype of Mail Sauce using Event Machine, AMQP, RabbitMQ, Alice, Wonderland, and Erlang. (Nanite)

Source Code**TravelMonks**

TravelMonks was a project of passion. Inspired from living in Asia-Pacific, I wanted to build an online community of young expats who were located throughout Southeast Asia. What started out as me writing a glorified personal blog, eventually evolved into a professional quality web application and feature rich backend CMS. Upon finishing the software, I formed a university internship program aimed at producing content. TravelMonks was my first "startup" that was launched with absolutely no budget or expenses other than lots of Starbucks coffee, and currently earns revenue through targeted marketing and travel leads.

DotRB

DotRB is an online social community for Ruby Programmers. It serves as my technology blog, when I actually have time to write anything in it, as well as a blog for many others. It is still a work in progress, but is currently in production and includes features such as member blogs, mail, connecting with friends, a message wall, personal profile, forum and Facebook integration.

University Experience:

Mercyhurst College, Pennsylvania. - Liberal Arts, Pre-law - Honorary Deans list
New Paltz University, New York. - Political Science, Computer Science - Deans list
Assumption University, Bangkok - Eastern Cultures

References and recommendations available on LinkedIn:

LinkedIn Profile for Jason K. Jackson