Joshua Farr

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Qualifications

- 13+ years designing, programming, porting, refactoring, optimizing and debugging in a variety of languages across multiple platforms with an emphasis on modern object oriented principles, patterns and best practices.
- 8+ years of professional experience working in a team-oriented setting, with a focus on coordinating efforts of designers, artists, and additional programmers.
- Accustomed to working with non-technical customer liaisons to translate business needs into functional design specifications.
- Familiar with implementing social site architectures and ecommerce platforms utilizing modern Ajax technologies.
- Understanding of performance and scaling issues in the deployment and ongoing maintenance of high traffic web applications.

Technical Skills

Languages:	PHP, JavaScript, CoffeeScript, Ruby, C/C++, CSS, SH/Bash, Python, Perl, ColdFusion, SQL, SGML
Tools:	(D)VCS, Issue Tracking, Wikis, SSH, Load Balancers, Continuous Build, Application & Network Monitoring, NodeJS, NoSQL, Search Indexing, Message Queues, Caching & Web Servers
API's & Frameworks:	MVC, CMS, Unit Testing, UI, Web Services, ORM, Templates, Configuration Management, Deployment, Social Network API's, Payment Processing
Platforms:	LAMP, Virtualized Computing, Windows, Mac OS X, GNU/Linux

Employment History

Senior Engineer, FirstGiving.com — August 2010 – February 2013

- Designed, deployed, and supported scalable, robust, fault tolerant server infrastructure for a suite of LAMP-based Web applications and REST API products utilizing RightScale and AWS platforms.
- Built application deployment tools utilizing chef, ruby, shell technologies.
- Created multiple application monitoring, reporting, and analytics dashboards to expose application health and real-time statistics.

Senior Application Developer, Minted.com – March 2008 – August 2010

- Coordinated with PM's and directors to properly develop and scope functional specifications of major site functionality.
- Designed core architecture components, implemented new features, and optimized existing codebase to significantly improve overall site performance.
- Built and administered multiple server deployments, core software stacks, monitoring and backup systems; oversaw version control system, email system, and other core infrastructure components.
- Acted as release coordinator to help define weekly release procedures, create automated deployment systems, and deliver both weekly scheduled and ad-hoc site updates.
- Reacted to daily operational issues of the business and efficiently provided scalable and sustainable technical solutions.

Business Development & Operations,
Republic Auto Salvage / F&H Import & Trading Co. — April 2005 – August 2007

- Managed all aspects of daily operations including sales, inventory management, product acquisition and fulfillment.
- Worked with vendors and shippers throughout procurement process to ensure timely product delivery.

Lead Web Developer, CTA, Inc. — February 2002 – April 2005

- Designed, built, and maintained multiple web applications for transportation logistics companies.
- Implemented technical solutions based on non-technical business user needs.
- Worked with partner companies to provide connectivity between web portal and AS/400 systems via EDI and FTP transports.
- Developed online intranet toolset and document imaging and archiving systems used to facilitate transportation logistics.
- Integrated third-party backend network tools using C and Perl with custom-built web interfaces.

Lead Web Developer, Jesscom.net, Inc. — November 1999 – October 2001

- Built numerous administrative back ends and e-commerce front ends for dynamic websites, including re-implementing static websites as highly efficient and maintainable dynamic data driven web applications using standard accepted coding methods and practices.
- Developed integrated solutions for non web-aware radio station cart programming software to deliver real-time play list information over the web using C++ and windows services.
- Assisted design, implementation, and administration of network services and local support systems.

References

Gerald Morgan
Co-founder, Sr. Vice President, CTO – Cooking.com
(626) 818-7174

Terry Ebbrecht
IT Manager – America's Army
(510) 207-7713

Tara Fortner
Design Technologist – Expedia.com
(417) 849-5538

Education

Missouri State University – Springfield, MO
Art & Computer Animation, 1997-1998

University of Missouri – Rolla, MO
Computer Science, 1996-1997