

Joseph S. Atkinson

W. Main St. Suite 4 • Jonesborough TN, 37659-8209 • (423) 753-8958
jsa@FreeBSD.org

Seasoned professional with competence in various programming and scripting languages such as C/C++, Java, Lisp, Make, Perl, PHP, Python, Visual Basic, and traditional UNIX shells. Experienced in SQL dialects including MySQL and PostgreSQL.

My code contributions have been accepted by renowned projects such as Ardour, Exaile, FileZilla, FreeBSD, GNOME, and VLC.

The FreeBSD Project

In 2010, after half a decade of submitting contributions, I was personally invited to become a member of The FreeBSD Project. My responsibilities are to import new third-party packages and ensure they build, install, and upgrade cleanly for supported current and legacy releases across multiple architectures, including Alpha, Itanium, MIPS, PowerPC, SPARC, and Intel x86 compatibles. I use a combination of shell scripts and make, as well as generate patches to fix platform and architecture specific issues. Most patches are submitted to the software's upstream for inclusion in future versions of their software.

Google Summer of Code

In 2010 I served as the administrative contact for the Exaile project, helping usher a student's bid for GSoC participation.

Experience:

ETSU Emerging Technology Center, 2009

- Application development using PHP's ZendFramework and MySQL for on-campus departments and services.
- Quality assurance, verifying applications and dynamic websites functioned properly with minimal potential for compromise.
- Technical consultant on several projects to be implemented by student workers, suggesting technology and methodology to be used.

Self-employed, 2005-2009

- Contract work doing maintenance programming on former White Rhino projects.
- Small scale projects for local area businesses, including web programming and low volume web hosting.

White Rhino Networks, 2001-2005

- Custom programming to tailor PHP based web forum software (phpBB) to each customer's needs while ensuring local changes were migrated smoothly between security updates.
- Served as the primary technical consultant and programmer for customer's dynamic web content using PHP and MySQL.
- Implemented Windows based small business software in Visual Basic to synchronize production demands with the customer's order queue.

Education:

East Tennessee State University, 2009 - present

Northeast State, 2002 - 2004

References available.

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