

TREVOR GRAYSON

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COMPUTER PROFICIENCIES: Ruby on Rails, JavaScript, JQuery, HTML, CSS, XSLT, XML, Java, JSP, Spring MVC, Tomcat, C, Erlang, MSSQL, MySQL, Postgres, SQL, PHP, BASH Scripting, OpenGL, GLUT, Arduino, (Visual/Stamp) Basic, VBA, Perl, x86 ASM, Git, SVN. Apache. Linux (emp. Ubuntu/Redhat/Fedora/SUSE), TRU64, ALPHA, Macintosh, Windows 98, ME, NT, 2000, XP. Microsoft Office Suite (Including Access), Open Office, Photoshop, After Effects, Final Cut Pro.

EXPERIENCE

Web Developer

Sony Music Entertainment

2008-Present

New York, NY

Owner of front end theming for Artist Stores. Reporting (inc. Soundscan) and integration with several external companies. Integration with social platforms. Real time HTTP Jabber Chat over BOSH with live streaming concerts. Erlang modules to support jabber business demands.

M2 Document Engine – Java backend driving a JRuby front end for an abstracted 'document' engine on the Amazon Cloud.

Development on accompanying CMS, eCommerce engine, API to the Drupal Artist sites, and a reporting engine.

Drupal Artist Sites – Feature enhancement for global artist websites on a full featured global Drupal Platform.

Software Developer / Production Engineer

2006-2008

Root Markets

New York, NY

Projects included migration and refactoring of Lead Management System (PHP), building a buyer integration web wizard (PHP/Drupal and Drop via CSS/JS), help content management system (Java), Root Exchange (Java).

Root Exchange – Development of the Exchange Delivery Engine, and the Root Exchange Web Portal (Java, Spring MVC, Hibernate).

SQL Reporting – Company-wide reporting on all products. Answering of reporting needs on all tiers of organization. Including supply/demand and performance of Root Exchange. Click through, fallout, and conversion reports for Root's lead generation product.

Sales Portal (Lead Developer) – Internal web portal designed to offer smaller turn around times on in-house business requests, usually including SQL reports, charts, new client tracking, and lead value calculators.

Production Engineer – Integration and technical management of buyers and sellers in the Root Exchange. Creation and management of XSLT style sheets to form delivered leads into client's custom formats over SMTP, FTP, or HTTP(s).

LeadROI – (MSSQL) Gave support to development and client relations teams in CA, LeadROI. Actuated inter-company reporting.

Freelance Web Designer

2007-Present

Freelance web application and web design projects. Personal Projects: thephotodb.com, remembory.com.

Quality Assurance Engineer

2005-2006

Viewpoint Corp.

New York, NY

Took dominant role in QA documentation, and testing processes. Added insight to untested areas such as web services encryption and email vulnerabilities. Provided new automation alternatives in VB, batch, bash, and PHP. Volunteered skills in other departments.

Cerberus Administrator – Spearheaded effort to recover failing email services. Restored email integrity, reconfigured system for company's needs (Some reprogramming work.) Added fully customized graphical reporting on MySQL backend. (PHP/MySQL)

Tech Exchange Administrator – Administrator and developer for in-house Bug/Test Case/Content Management system. This interface was implemented as the primary interface between Engineering and QA. Personally added many features, including Ajax interface that provided real time progressive searches on bugs. (PHP/MySQL)

Code Reference Creator/Administrator– Development of web-based, code reference system for Viewpoint's proprietary MTX programming language. Also created automatic code generation engine for the creation and display of MTX scenes. (PHP/MySQL)

Software Integrator/Programmer Analyst

2003

Acolyte Technologies

Middlebury, CT

Built and Administrated Linux Cluster. Integrated new technologies and software into Linux cluster used for web services; including Anti-Spam and Anti-Virus for email. Constructed administrative sites to manage these and other services using PHP. Built Linux routers for small businesses. Additional time was spent in updating networks for small businesses, and documenting in-house network.

Administrator

2003-2004

Computer Science Computer Lab / Saint Anselm College

Manchester, NH

Instigated and administrated dual-boot (Redhat/Windows) in CS lab. Admin Windows, Tru64, Alpha, and other Linux/Unix servers.

Work Intern

2001-2003

Office of Information Technology / Saint Anselm College

Manchester, NH

Worked servicing computers for the students and faculty of Saint Anselm College. Networking, running wire, and new Enterasys E5 Switches (physically and firmware). Support for network hardware and software problems, virus prevention, and deletion.

Self-Established Businesses

2001-Present

Electronics/Computer Maintenance

Optimization, reparation, upgrading, and the construction of new computers became a focus. Acted as an expert and consultant for many families regularly in Bedford-Manchester, NH and Southington, CT Area. Started as Playstation Modification business; printed and installed 12C508A chips. Due to reputation, this business evolved into an electronic repair service.

EDUCATION

BACHELOR of ARTS, COMPUTER SCIENCE with MATH EMPHASIS May 2004

Saint Anselm College

Manchester, NH

COURSE HIGHLIGHTS: Database Management, Operating Systems (Emphasis on Linux Kernel), Computer Graphics, Differential Equations, Vector Analysis, Motion Art, Networking, Combinatorics, Problem Solving, Electronic Circuit Analysis, Analysis of Algorithms, Assembly Language, Classical Physics (Accelerated), Russian, Humanities (Including writing, philosophy, critical thinking, and theology).

NOTARY PUBLIC: State of New York.