

William Paul Tate

Programmer ◦ System Administrator ◦ Database Administrator

computer skills

Languages	PHP, Ruby, JavaScript, MySQL, PostgreSQL, SQL, Bash, Perl, CSS
Systems	UNIX, Linux (Red Hat, SUSE, Debian, Slackware), Windows (95/98/NT/2000/XP/Vista)
Servers	Apache, IIS, DNS, DHCP, Mail, Database
Virtualization	Zen Hypervisor, Elastic Cloud Computing(EC2), Simple Storage System(S3)
Networks	Punchdown, Firewall, Gateway, Router, Switch/Hub, TCP/IP, SSH, Ethernet, LAN, VPN
Certifications	CompTIA Linux+, SAIR Linux and GNU Certified Engineer (LCE)

work experience

Programmer

American Roamer, 2007 – Present

Memphis, TN

- Manage migration of client data from FileMaker to PostgreSQL, including conversion from flat to a relational format
- Convert existing data pulls from Filemaker to PostgreSQL for multiple clients and products
- Maintain IIS servers for multiple hosted sites
- Maintain corporate server hardware
- Convert existing corporate website from table to CSS layout
- Assemble and set up computer for demonstration use at conferences
- Assist in establishing on-call support procedures
- Migrated existing servers from co-location facility to the Amazon Cloud(EC2), drastically reducing the costs and maintenance overhead.
- Automated server initialization and startup due to the volatile nature of a cloud instance, while maintaining data integrity.

System Administrator

Discreet Works, 2006 – 2007

Water Valley, MS

- Setup automated backup system
- Setup new websites utilizing proprietary Content Management System(CMS) including any custom code required by the clients
- Setup spam and virus filtering for email server
- Designed and developed checkout component for CMS
- Researched viable options and setup web statistics component for CMS
- Setup and maintained server to be Web, Database, Email, and DNS server for multiple hosts
- Worked as intermediary between sales people and other developers/designers.

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work experience (continued)

Programmer/System Administrator

US Networx, 2004 – 2006

Oxford, MS

- Maintained multiple email, web, and database servers in Linux environment.
- Evaluated and installed software updates, system upgrades, and patches on servers. Resolved software related problems. Performed system backups and recovery.
- Designed, developed, implemented and debugged software packages for web sites using PHP, PostgreSQL, MySQL.
- Utilized and expanded proprietary shopping cart software for multiple online storefronts.
- Designed and developed CAN-SPAM compliant mass-emailing system. Later modified to utilize separate send processes instead of a queue, allowing mailings to go out unaffected by other client's mailings.
- Defined and achieved client needs through continuing one-on-one communication.
- Worked with project team members to build and manage software and web sites.

Special Project Manager

SAIR Linux, 2000 – 2001

Oxford, MS

- Organized process for writing and editing of user manuals that reduced production time and increased efficiency.
- Managed employees in technical writing and editing of user manuals. Updated existing manuals to keep up with current versions of Linux. Maintained contact with all contractors.
- Organized and led two key committees focusing on internal employee training and company operating procedures.
- Conducted multiple internal training sessions on the Linux operating system. Ensured staff efficiency was maintained.
- Interviewed and hired more than 50 employees with broad skills in programming, database, web design, technical writing and grammatical editing.

education

Bachelor of Sciences, Computer Science

University of Mississippi, 2003

Oxford, MS

- Studied computer programming languages including C/C++, Java, Pascal, Assembly design methodology and implementation.
- Emphasis is telecommunications, focusing on computer networking, LAN's, WAN's, wireless, cellular including planning and functional operations.