
N. JEREMY YUNIS

1351 Cohansey St.
Saint Paul, MN 55117

512.905.7456
jeremy@klinedrive.com

An experienced Web Developer and Systems Administrator specializing in Linux environments, using various development stacks.

QUALIFICATIONS

- Thorough understanding of Object-Oriented Design principles, using rapid-development frameworks and ORMs with PHP and Python.
 - Over 6 years of experience developing PHP applications and web services in a LAMP environment, including JavaScript, HTML, and CSS.
 - Over 6 years of experience with MySQL queries and administration.
 - Proficiency in PHP, Python, Bash, Perl, Java, JavaScript.
 - Well-versed in team-oriented development, emphasizing project & code documentation and coding standards.
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TECHNOLOGY

Languages	PHP, Python, Bash, Java, JavaScript, Perl
Frameworks	Django, CakePHP
Web Services/Ajax	JSON, REST, SOAP, XML
Version Control	Git, Subversion
Database	MySQL, Microsoft SQL Server, PostgreSQL
Operating Systems	GNU/Linux: Debian, Ubuntu, CentOS, Fedora, RHEL Microsoft: Windows Server 2000-2008 Apple: Mac OS X
Virtualization	Amazon Web Services, KVM, Qemu, Xen, VMWare
Development Software	Eclipse, Idea 8, Vim, Gimp, Photoshop
Server Applications	Apache, MySQL, SQL Server, Lighttpd, Nginx, DJBDNS, ActiveMQ, RabbitMQ, Bind, Qmail, Postfix, LDAP, Snort, NFS, Bacula, IPTables/Firewall
Server Hardware	Dell and HP Enterprise Servers, Commodity Servers, Software & Hardware RAID, Dell PowerVault, NAS

PROFESSIONAL EXPERIENCE

Kline Drive, LLC. – Saint Paul, MN**2009-Present*****Freelance Web Programmer, Sysadmin***

Working as a freelancer, I have gained a wide range of experience working on projects from small to very large, while developing the skills required to work independently and manage a small business.

Accomplishments Include:

- Timely completion and delivery of web applications of various scope and function using LAMP and Django development stacks.
- Developed PHP enhancements to OSS network monitoring project Nagios.
- Developed and deployed Amazon AWS technologies to make enterprise-class computing affordable to several small businesses.
- Lead development on a profitable SAAS project now used by pharmaceutical companies to track shipments of medication throughout the world.

UnsubCentral - Austin, TX**2008-2009*****Linux Systems Administrator***

Served as part of the operations team responsible for ensuring server and website availability for a CAN-SPAM Email Compliance company. I also took on a Java Developer role helping the Sr. Software Engineer with Java programming and quality assurance.

Accomplishments Include:

- Built command-line tools to manage most system administration tasks, as well as scripts to handle automated server deployments on bare metal systems and virtualized hardware.
- Planned and executed an infrastructure migration from a local datacenter to Amazon Web Services, using EC2 and S3.
- Using Python and Bash, created a deployment tool for our J2EE application that cut deployment time by 300% and reduced chances of user error, virtually eliminating upgrade problems.
- Developed and implemented a robust solution to perform nightly snapshots of 3TB MySQL data spread across 6 servers, with a fast recovery time.

Morgan Murphy Media - Madison, WI**2003-2008*****LAMP Programmer***

Most of what I know about web technology I learned working for this online media and web hosting company. I worked primarily as a LAMP developer, and worked closely with the Lead Sysadmin to learn about GNU/Linux hosting environments and gain proficiency in Bash, Python, and Perl.

Accomplishments Include:

- Developed dozens of websites using LAMP, from small brochure sites to news broadcast sites with automated TV-to-Web publishing.
- Developed several powerful web back-ends, ranging from on-demand video processing to secure e-commerce transactions.
- Helped MMI adopt Web 2.0 strategies to ensure development clients always had access to state-of-the-art web technologies, including web services, RSS/Atom content syndication, and JavaScript-based (AJAX) widgets.
- Developed and tuned high-volume broadcast news websites to handle large traffic demands by implementing caching and load-balancing.

FORMAL EDUCATION

Connecting Point ITS, Duluth, MN

IT Certification Program

Received: CCNA, MCSE 2000, MCDDBA 2000

University of Minnesota, Twin Cities, MN

2 Years ~ Coursework toward Computer Science Degree

College of St. Scholastica, Duluth, MN

1 Year ~ Coursework toward Computer Science Degree