Andrew DeFaria

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Professional Summary

Seeking a position in IT operations and network management to leverage over 20 years of expertise in state-of-the-art operating systems and networks, ensuring seamless information flow and system performance. Open to remote work or hybrid roles in the San Marcos, CA area.

Skills

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| * **Hardware:** Workstations and servers from Sun, HP, Microsoft Windows, various manufacturers of Linux systems | * **Operating Systems:** Linux(Redhat, Centos, Ubuntu), Windows, Unix (Solaris, HP-UX), Cygwin | * **Networking:** TCP/IP, Windows & Unix Networking, Active Directory/LDAP, Samba |
| * **Version Control:** Git, Perforce, Clearcase | * **Issue Tracking:** JIRA, Clearquest, Bugzilla | * **Software Languages: Perl, Bash, PHP, C++, C, Ada, TCL** |
| * **Configuration Management:** Puppet, Ansible | * **Middleware:** Apache, Tomcat, Samba, Winbind, LDAP, REST | * **Web Apps:** JIRA, Confluence, Swarm |
| * **Databases:** MySQL, Oracle | * **CI/CD:** Jenkins, Electric Commander | * **Virtualization:** VMWare, VirtualBox, vSphere, vCenter |
| * **Cloud Computing (Classroom only):** EC2, IAM, S3, CloudFront, Route53, VPC, Docker |  |  |

Experience

**Perl Developer | OCTOBER 2021-CURRENT**

**Cpanel/WebPros | CA**

* Worked on the Artemis Team, improving WHM and learning Cpanel's extensive code base
* Transitioned to the Release Team, focusing on bug fixes and release tasks
* Contributed to the WordPress Squared team, enhancing backend functionality with bug fixes and improvements
* Conducted quality assurance and integration testing for project readiness
* Developed software applications to enhance client satisfaction and user experience

**Engineer Consultant | JULY 2007-SEPTEMBER 2021**

**ClearSCM Inc | CA**

* Ran a consulting firm specializing in Build Engineering, Linux Administration and Version Control Systems
* Provided services to many clients like Wells Fargo, General Dynamics, Broadcom, ICANN, and General Electric
* Served as a Perl developer writing scripts automating tasks in build systems, test systems, and complete applications
* Administered subsystems like Puppet/Ansible, Clearcase/Clearquest, Git, Perforce, Jenkins, and JIRA
* Specialized in Linux administration

**Clearcase/Clearquest Administrator | FEBRUARY 2004**-**JUNE 2007**

**DeFaria.com | CA**

* Consulted for clients including Hewlett Packard, Broadcom, Lynuxworks, and Ameriquest
* Specialized in Build Release engineering, Clearcase/Clearquest engineering, and system security hardening
* Addressed customer inquiries and resolved issues promptly
* Collaborated with IT department to troubleshoot technical issues with office equipment and software

**Clearcase/Clearquest Administrator/Build Engineer | AUGUST 2001–FEBRUARY 2004**

**Salira | CA**

* Joined Salira Optical Network Systems as a Clearcase/Clearquest Administrator
* Setup environment, provided training, and managed the build process as Release Engineer
* Developed Clearquest Daemon, automation scripts, and conducted Build Stress Testing
* Designed and implemented Clearquest bug tracking system
* Advised on Clearcase issues, branching strategies, labeling, and release management
* Implemented Clearquest Daemon for web page and trigger interactions

**Clearcase/Unix Systems Administrator | FEBRUARY 1988-NOVEMBER 1998**

**Hewlett Packard Company | CA**

* Primary Clearcase and Multisite Administrator for a large environment with 1400 views and 180 vobs
* Assisted in network and Clearcase topology design, setup, and maintenance
* Managed Netscape Suitespot Servers for 400 machines, developed lab web pages, and restructured network topology. Documented setups, troubleshooting, and patch handling for shared resources
* Managed Windows NT domain, account setup, print serving, and evaluated Clearcase 3.2 on NT
* Developed NT backup strategy and maintained software tool repository
* Main contact for Windows 95/NT problem-solving; consulted on PC and Unix issues
* Served as lab webmaster, installed, configured, and maintained Netscape Servers, and ran The Unofficial Quicken Web Page
* Developed an Application Server for software distribution using scripting and NFS
* Worked on COBOL/SoftBench and Ada/SoftBench projects, porting applications and producing Ada bindings to Xlib, Xt, Motif, and HP-UX
* Conducted destructive testing on MPE/XL, submitting 300+ Service Requests, many on Must Fix lists

Education

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| **Associate in Applied Science (A.A.S.) - Computer Science**  Union County College, Scotch Plains, New Jersey |

• Continued studies at Fairleigh Dickenson University, San Jose State University, Mission College, and Chico State

Certifications and Courses

* **AWS Solutions Architect:** Validation Number: 4Q2XDJDCK1EE1HC5
* **Docker Certified Associate (DCA):** Course Completed @ A Cloud Guru
* **Jenkins Quick Start:** Course Completed @ A Cloud Guru
* **Jenkins Fundamentals:** Course Completed @ A Cloud Guru