

<h1>James C. Kling</h1>	Linux/UNIX Engineer US Army Veteran	2515 W. 10 th St Washougal, WA 98671 (919)789-1604 Cell http://www.liniks.com/?page_id=152	jkling@liniks.com Profile available on linkedin.com
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Major Skill Set

<p>Linux – 20 Years -Redhat and derivatives, SUSE, Ubuntu, Debian, etc. Clustering</p> <p>IaaS, Distributed Computing – 10 Years - Openstack, AWS VMWare4/5+, LibVirt VirtualBox, QEMU</p> <p>-Virtualization Automation with Puppet and Ansible</p> <p>Solaris – 5 Years</p> <p>AIX/HPUX – 2 Years</p> <p>Macintosh – 5 Years -OS9 and OSX</p>	<p>Atlassian suite</p> <p>Spacewalk/Satellite</p> <p>Automation Ansible, Puppet, CHEF, CFEngine</p> <p>Provisioning</p> <p>Bash/ksh/shell scripting</p> <p>Big Data Hadoop, Cloudera, HortonWorks, Teradata</p> <p>HPC and HA Clusters RHEL Cluster, Veritas Foundation Suite</p>	<p>IaaS / PaaS - Monitoring and Metering, Ceilometer, multiple SQL and NoSQL database infrastructure</p> <p>Networking (TCP/IP)</p> <p>Storage -Gluster, Ceph and Swift in Openstack, standalone filers with LVM, Veritas, EMC, XIV, 3Par</p> <p>Database -Sybase, Oracle, MySQL</p> <p>Middleware -Clearcase, Websphere, JBoss, Tomcat</p>	<p>Roles:</p> <p>Administrator</p> <p>Engineer</p> <p>Test Engineer</p> <p>Cloud Computing</p> <p>Distributed Computing</p> <p>Standalone Servers</p> <p>Subject Matter Expert</p> <p>Server Security</p> <p>Team Lead</p>
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2017 Intel Corporation Hillsboro, OR
Openstack / OpenHPC Consultant

- OpenHPC on Openstack –Virtualized HPC clusters with Ironic
- LaTeX documentation and generating scripting from documentation
- Submitted project for inclusion in official OpenHPC project
- Three month contract, project finished

2016-2017 Sharp Labs Camas, WA
Software Engineer

- Atlassian Suite support, Jira, Confluence, Stash/BitBucket, Crowd, whole suite
- Built Spacewalk and Openstack test environment from ground up
- Supported Condor video processing clusters of ~300 nodes
- Linux (Red Hat 6/7 and Suse), MacOS, and hardware support
- Sharp Labs layoff package offered for Feb.1 2017

2015-2016 Cisco Systems Cary, NC
Openstack Engineer

- Supporting Openstack in multiple, multipurpose, global datacenters
- Nested (multilayer) Openstack setup – Service clouds and Tenant Clouds
- Maintained code for Ansible and Puppet deployment and automation scripts
- Openstack products – Nova, Neutron, Ceph, Swift, Horizon, Ceilometer, MongoDB, Percona
- Linux and hardware support.
- Originally six month Contract with GDH, extended to one year.

2013-2015 Teradata Cary, NC

DevOps Engineer / Linux Team Lead – *Infrastructure, automation and provisioning*

- Automated installations and updates of operating systems and company software
- Developed Openstack infrastructure environments
- Supported products using Cloudera and HortonWorks Hadoop services
- Supported Teradata Database services
- Subject Matter Expert of Linux, Hadoop, Cloud Computing, and Teradata's RTIM product
- Automation with Puppet and Ansible

2012-2013 Credit Suisse RTP, NC

Senior Linux Engineer - *Operating system design and implementation, code and patch distribution, and provisioning*

- Engineering Linux and Solaris Builds based on Solaris 10, RHEL 5/6, and legacy SUSE systems
- Developed provisioning via Spacewalk/Satellite and using Puppet for config management
- Security- DMZ builds and hardening- developed systems to be used in Switzerland for the bank
- Worked with Red Hat vendors for Satellite support and code management
- Developed virtualized leasing system for short term virtualized servers for rapid deploy
- Maintained Dev, QA, and Production builds
- Implemented package key signing system to prevent deployments of Dev/QA code in Prod

2011-2012 Peopleclick-Authoria/Peoplefluent Raleigh, NC

Lead Linux Engineer - *Operating system design and implementation, as well as environment wide code and patch distribution.*

- Server management, CentOS, Oracle, Suse, Redhat
- Puppet, Chef, CFEngine scripting

2008-2011 Fidelity Investments RTP, NC

Senior Linux Engineer – *Distributed Computing / PaaS / IaaS*

- Engineering for 50% physical/50% Virtual 15,000 node datacenters
- Hadoop clustering (Big Data / HPC) and Native Linux Clustering
- Developed multi-use Linux Desktop port for VNC export to provide native Linux tools

Military Service:

1995-1998 US Army: 3/229th AVN Fort Bragg, NC

AH-64A(Apache) Helicopter Crew Chief - Honorable Discharge

Education:

1995-1996 DOD /TRADOC US Army Logistics School Fort Eustis, VA

Graduate in Logistics and Aviation Programs

1998-1999 Purdue University West Lafayette, IN

Undeclared Engineering, single year post military service

2002-2006 North Carolina State University Raleigh, NC

Double major in Political Science and Computer Science