

Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Nationality(-ies)

Date of birth

Carlos Konstanski

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American citizen

January 19, 1969



Work History

7/2017 - Present

OpenStack DevOps Engineer

Verizon Wireless
Fort Collins, CO, USA

Build CI/CD, Ansible playbooks and other automation across a large OpenStack Cloud Platform team.

7/2016 - 7/2017

Customer Integrations Engineer

Talligent
Austin, TX, USA

Write software to integrate Openbook into enterprise environments.

- Agents to deliver data to Openbook via the API
- OpenStack messagebus hooks for event-driven data delivery
- Integrations with non-OpenStack clouds
- Automated installer (heat, ansible)

10/2015 - 2/2017

OpenStack DevOps Engineer

Charter Communications
Fort Collins, CO, USA

Large-scale OpenStack DevOps for a company of 70,000 employees.

- Puppet, Ansible, Python and Ruby programming
- Owner of Glance service
- Owner of Talligent showback service
- Owner of Icinga monitoring service
- Secondary owner of Nova service
- Troubleshooting and operations
- On-call 24x7 rotation

9/2014 - 10/2015

Programmer and DevOps Engineer

Wire Stone LLC
Fort Collins, CO, USA

Wire Stone is a software marketing agency. Clients include HP, Microsoft and Hortonworks.

- Programmed in Java on a suite of ConAgra websites.
- Programmed in C# and TSQL on the HP Fax and Battery Recall websites.
- Implemented DevOps strategies: Chef, Docker, Icinga monitoring.
- Provided wide-ranging Linux expertise on a variety of projects and at the IT infrastructure level.
- Used cloud providers: Azure, HP Cloud and Rackspace.

7/2012 - 9/2014

Linux System Administrator and Programmer

Marketron Broadcast Solutions
Hailey, Idaho, USA

Marketron provides software and hosting for the radio and TV industries. Clients include Univision, Cox, Bell Media and many others.

- Wrote the company intranet in C# / MVC4 / TSQL.
- Wrote a scalable and highly-available SMS/MMS application in Lisp / PgPLSQL / ZeroMQ / Pacemaker. Also built the servers, configured monitoring with Icinga and Monit, created the database backup procedure and wrote the reporting interface.
- Wrote TSQL Reporting Services procedures.
- Wrote shell scripts in BASH, Perl and Ruby.
- Performed biannual Nielsen Ratings sweeps from an Ingres database.
- Built Pacemaker clustered Postgresql instances.
- Administered the following hypervisors: XenServer, Hyper-V, VMWare ESX and QEMU/KVM.
- Used OpenVSwitch for bridging on QEMU/KVM hypervisors.
- Built and administered virtual machines running under XenServer, Hyper-V, VMWare and QEMU/KVM.
- Built an Active Directory integrated Postfix mailserver.

12/2011 - 7/2012

Programmer

Resource Data, Inc.
Boise, Idaho, USA

Resource Data Inc is a software consulting company.

- Assigned to Boise Inc where I programmed on a project for converting the legacy COBOL ordering system to Java/Spring.
- Wrote reports using JasperReports and Microsoft Reporting Services.

6/2010 - 7/2011

Programmer and Linux System Administrator

Idaho State University College of Physical Sciences
Pocatello, Idaho, USA

ISU Physical Sciences has its own IT infrastructure which services Mathematics, Physics and Geology.

- Implemented a Linux domain controller with OpenLDAP and Samba. Wrote a web-based administration frontend in Common Lisp using Idap and smbldap commands at the service layer.
- Built a VMWare environment with iSCSI-attached SAN storage.

10/2008 - 1/2016

Programmer and Linux System Administrator

Self-employed
Idaho, USA

Wrote various websites.

- Sun Valley Bronze public website.
- Android application for truckers listing all sorts of roadside services.
- Online graduate application form for the University of Oregon Biology Department.

9/2005 - 12/2009

Programmer

POWER Engineers Inc.
Hailey, Idaho, USA

POWER Engineers designs power plants, transmission lines and food processing facilities.

- Implemented Single Sign On for Oracle Collaboration Suite.
- Implemented Active Directory to Oracle Internet Directory sync.
- Wrote a suite of document management utilities using the Collaboration Suite web services API.
- Wrote a SmartPlant Instrumentation and P&ID custom reporting web application.
- Wrote e-Business Suite reports and utilities for HR and Accounting:
 - * Earned Value Analysis report
 - * Weekly Project Brief report
 - * UPS charge importer into e-Business Suite
 - * Airline billing charge importer into e-Business Suite
 - * Insurance coverage report
 - * Employee Organization Chart derived from e-Business Suite data
 - * ADP to GL upload utility
 - * ERP to iLearning user import
- Built and administered VMWare hypervisors.
- Built and administered virtual machines running under VMWare.

7/2003 - 9/2005

Programmer

Lunar Logic LLC
Eugene, Oregon, USA

Lunar Logic was the vendor that built iLrn. iLrn is an online university courseware platform for Thomson Learning (now Cengage).

- XSLT and Javascript development.
- Java/Struts and SQL development.
- Built web service interface for third-party Flash components using AXIS.
- Lead developer for the Heinle World Languages project.

Skills

Programming Languages	Java, JSP, C#, Razor, Common Lisp, TSQL, PLSQL, PgPLSQL, PHP, BASH, Javascript, JQuery, HTML, CSS, Perl, Ruby, Python, Puppet
Web Frameworks	MVC4, Windows Forms, Struts, Spring, JSF, Hunchentoot, Araneida
Databases	Oracle, SQL Server, PostgreSQL, MySQL, Ingres
Reporting	Microsoft Reporting Services, JasperReports
IDEs	Emacs, Eclipse, RAD, NetBeans, Visual Studio, Monodevelop
Source Control	Git, Gerrit, CVS, Subversion, Mercurial, TFS
Continuous Integration	Jenkins
Linux Distros	Debian/Ubuntu, RedHat/CentOS, Gentoo
Hypervisors	QEMU/KVM, Hyper-V, XenServer, VMWare, VirtualBox
Containers	Docker
Provisioning Management	Puppet, Ansible, Chef, Vagrant
Cloud Providers	Openstack, Azure, HP Cloud, Rackspace
Linux System Administration	Apache, Postfix, Amavisd, DKIM, Courier, Dovecot, Pacemaker/Corosync, iSCSI, PostgreSQL, MySQL, Oracle DB, DHCP, DNS, iptables, QoS, NFS, LDAP, Samba, Active Directory Intergration, Asterisk, PHP, Tomcat, custom kernels, GRUB und GRUB2, Icinga, Monit, Wireshark/tcpdump, OpenVSwitch

Education

8/1988 - 5/1993	Idaho State University (Major: Music; Minor: German)
1/2010 - 12/2011	Idaho State University (Major: Computer Science; Minors: Music, German, Math) Degree still in progress
1/2014 - 2/2014	Coursera (Cryptography I)
6/2015	Chef course
Future	Finish the Computer Science degree

Languages

Mother tongue(s)

*Self-assessment
European level^(*)*

German

English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1 Proficient user	C1 Proficient user	B2 Independent user	B2 Independent user	B2 Independent user