# CHRISTOPHER J. WELLE cjwelle@gmail.com

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### Qualifications

Seasoned and analytical information technology professional with 20+ year successful track record in the design, deployment, administration, architecture of Cloud/WAN/LAN infrastructure and support computer systems including virtualized services, physical servers, desktops, and IP telephony. Expertise in requirements analysis and full life cycle deployment of IT strategies that maximize user productivity, improve performance, and align critical process and technology with strategic business goals. An excellent problem solver with project management experience including ability to establish realistic user expectations and resolve critical path issues. Committed to technical study to increase knowledge of emerging technology.

**Skills**

AWS, EC2, EBS, EIP, EFS, S3, ELB, ALB, NLB, DNS, Route53, IAM, Landing Zone, Control Tower, SNS, SES, RDS, DynamoDB, DHCP, Linux, Apache, NGINX, Ansible, Packer, CloudFormation, CloudWatch, Terraform, Consul, Kubernetes (K8S), EKS, ECS, Fargate, Lambda, Ubuntu, CentOS, Fedora, MS Active Directory, Windows 10, Windows Server, DevOps, Cloud, AWS Solutions Architect, Infrastructure As Code (IaC), Disaster Recovery Planning, High Availability Design, SMTP, SQL, Visio, Automation, Bash, PowerShell, CloudFront, Firewall, VMWare, System Administration, System Engineering, Data Security, HIPPA, GDPR, Solution Architecture, CI/CD, Jenkins, TeamCity, System Monitoring, Zabbix, Nagios, Prometheus, ELK, Grafana.

**Professional Experience**

Smarter Balanced, Santa Cruz, California (Remote) August 2020 – December 2020

***Consulting - AWS Consultant (Through Oxford Associates)***

Engaged on contract to fill in for Associate Director Infrastructure Services, to provide Senior Level Technical Service to Smarter Balanced Organization.

* Performed Security Audits and created tasks to resolve found issues.
* Upgraded critical services to latest patches and applications with minimum down time.
* Designed and deployed IaC
* Planned and migrated critical legacy services to secured network with minimal impact to service.
* Worked with IT Teams on decreasing technical debt.

Stratogent, Redwood City, California November 2019 – July 2020

***Consulting - AWS Consultant (Through CJW Solutions)***

Engaged to provide AWS SME Service to Stratogent clients.

* Created greenfield AWS accounts via AWS Control Tower. This created a primary/master account for consolidated billing, Organizational Units and Policies for those roles, along with two accounts for Auditing and Logging.
* Using AWS Control Tower, Account Factory, created several separate AWS Accounts for separately managed resources.
* Using AWS CloudFormation deployed VPC infrastructures, PAN Firewalls, Transit Gateway, VPN to Data Center, all created in IT managed account and shared to other AWS Accounts via AWS Resource Access Manager (RAM)
* Architected large infrastructure for high availability architecture using infrastructure as code and deployed with Code Pipeline.
* Performed Security Audits and created tasks to resolve issues found.
* Worked with Networking and Cloud Teams on setting up PAN Services and migrating from legacy account.
* Integrated Okta IAM with AWS IAM for single point of authentication to all AWS accounts and IAM Roles.

Private Startup, Mountain View, California April 2019 – November 2019

***Consulting - AWS Consultant (Through Motion Recruitment)***

Engaged to provide infrastructure expertise for high availability architecture and perform security audits against AWS Accounts.

* Rearchitected AWS Infrastructure across multiple accounts.
* Performed Security Audits and created tasks to resolve issues found.
* Worked with DevOps Team on moving to more automated tools.
* Integrated JumpCloud with AWS Accounts and Server logins for single point of Authentication to the AWS accounts and environments.

Continental Automotive - ITS, San Jose, California. June 2018 – February 2019

***DevOps Engineer***

* Architected AWS infrastructure and deployment methods for migrating from two dedicated data centers with dedicated serviced server to micro-services virtualized instances run on Kubernetes and MongoDB in Amazon Web Services.
* Created Disaster Recovery processes for Relational Databases.

Adobe, San Jose, California. January 2018 – May 2018

***Consulting – Senior Cloud Engineer (Through Motion Recruitment)***

* Hired for GDPR Compliance project
* Worked with four different Adobe project teams to review usage of AWS accounts and build & deployment processes.
* Created base documentation for processes to be followed before GDPR went into effect.
* Assisted teams to become compliant to Adobe’s GDPR requirements.

Big Health, San Francisco, California (Remote). March 2017 – January 2018

***System Administrator***

* Brought in to provide infrastructure expertise for high availability with disaster recovery architecture for HIPAA and High Trust.
* Created AWS CloudFormation templates and launched via Ansible for single, multiple VPC and AWS Services for repeatability of launching multiple application services in AWS, across multiple regions and AWS Accounts.
* Architected, implemented Corporate Network for inter connection between multi-national offices and remote workers using Ubiquity Unifi products, VPN, and AWS.
* Integrated JumpCloud with AWS Accounts and Server logins for single point of Authentication to the AWS accounts and environments.
* Secured infrastructure by setting up OpenVPN that was integrated with JumpCloud authentication in AWS to access different environments.

CloudGenix, Santa Clara, California November 2015 – March 2017

***DevOps Engineer***

* Brought in to steward a multi-region, multi-tenant and single tenant infrastructures launched by code.
* Creating process to move from in place deployments to Blue/Green Deployments based on custom applications and services.
* Created AWS CloudFormation templates for single, multiple VPC and AWS Services for repeatability of launching multiple application services in AWS, across multiple regions and AWS Accounts.
* Participated in 24x7 On-Call Rotation

School Messenger, Scotts Valley, California July 2015 – October 2015

***DevOps Engineer***

* Architected AWS infrastructure and deployment methods for migrating from two dedicated data centers with dedicated serviced server to micro-services virtualized instances in Amazon Web Services.
* Participated in 24x7 On-Call Rotation

Vocera, San Jose, California May 2015 – July 2015

***Consulting – DevOps Engineer (Through Xoriant)***

* DevOps Engineer for VST Project. Designed & Built Stage & Production Infrastructure in AWS using Chef and CloudFormation.
* Technical Operations Team Lead.
* Architect of AWS infrastructure deployment through code.
* Created and participated in 24x7 On-Call Rotation.

PivotMail, Sunnyvale, California December 2014 – May 2015

***Consulting - AWS Administrator (Through Oxford Associates)***

* Amazon Web Services consulting for Operations team. Designed & Built Stage & Production Infrastructure in AWS using a mixture of Packer, Ansible and CloudFormation. Technical Operations Team. Architect of AWS Infrastructure

CITRIX, Santa Clara, California September 2014 – December 2014

***Consulting - AWS Administrator (Through TekPartners)***

* Providing Amazon Web Services consulting for Data Innovation Group Department.

TAOS MOUNTAIN INC., San Jose, California July 2014 – September 2014

***Technical Consultant***

* Providing Amazon Web Services consulting to a Fortune 500 company Silicon Valley.
* Lead Tech on AWS Project to move all corporations’ applications to the Cloud.

TUNEIN INC., Palo Alto, California May 2013 – June 2014

***Senior System Engineer***

* Support Software Engineers with current infrastructure and software releases.
* Mentor other System Engineers
* Participate in 24/7 Support rotation for production website needs.

SOLUTIONSET, Palo Alto, California October 2012-May 2013

***Senior System Engineer***

* Engineering and Architecture for web applications and services management of launch live, and disaster recovery environments and maintenance.
* Tactical response for high volume scaling of architecture under sudden extreme loads.

YOTTAMARK, INC., Redwood City, California May 2012-August 2012

***IT Infrastructure Manager***

* Support Developers with current technology and software releases.
* Document current IT environment and support corporate Help Desk as 3rd tier support.
* Provide 24/7 Support for all IT needs.

MAYO CLINIC, Rochester, Minnesota (Remote) June 2011-January 2012

***Consulting - Amazon Web Service System Administrator (Through Tanson Corp)***

* Create a stable, environment using Amazon Web Services for Mayo Clinic researchers to host public facing web sites (Wikís, blogs) and REST servers at the URL: <http://informatics.mayo.edu>.
* Create Disaster Recovery plan through backups, restoration of servers and services with documentation.
* Provide Training to identified personal on management of the AWS Mayo Network.

HITACHI DATA SYSTEMS, Santa Clara, California August 2010-June 2011

***Consulting – Project Systems Engineer (Through NetPolarity)***

* Create/manage/support virtualized operating system images to run Hitachi's server software in an emulated environment for product simulation and training purposes.
* Created Reporting software to track installations and usage of the simulations provided to inside sales and direct partners.

MAGELLAN NAVIGATION, Santa Clara, California December 2007- August 2009

***Contract Web Operation Systems Administrator (Through Robert Half)***

* Administer client websites to include server configurations, updates, performance monitoring, and ongoing 24x7 troubleshooting and support.
* Provide technical consultation for new website initiatives; participate in solutions planning and implementation support to include upcoming move of all web services to new data center.
* Monitor site error messages and maintain hardware/services maintenance documentation. Managed DNS, SMTP for Webservers contacting customers.

SDL INTERNATIONAL, San Jose, California 2006-2007

***Senior IT Engineer***

UNAME IT SOLUTIONS, San Jose, California 2004-2006

***Senior Systems Engineer***

SOLUTION SEEKERS, LLC, San Jose, California 2001-2004

***Consultant/Owner***

VIKING FREIGHT, INC., San Jose, California 2000

***Contract Windows NT System Administrator***

ALL BASES COVERED, Redwood City, California 1999-2000

***IT Consultant***

EDS/XEROX, San Jose, California 1998-1999

***Contract System Administrator***

NORTHERN TELECOM, Santa Clara, California 1996-1998

***Western Region Email Administrator/Desktop Engineer/Telecommuter Support***

NEW HORIZONS COMPUTER LEARNING CENTER, Santa Ana, California 1995-1996

***Lead Macintosh Technician/Secondary Lead PC Technician/Classroom LAN Administrator***

**Certifications**

***AWS Certified Solutions Architect – Associate, November 2019***

***ID – D536ZMQCKJ411T9X***

**Training**

***AWS Training – Advanced Architecting with AWS, 2019***

***AWS Training – Refresh Architecting with AWS, 2019***

***MongoDB Administration Self Training, 2018***

***AWS Training – Architecting with AWS, 2013***

***Amazon Web Service Bootcamp – Architecting Highly Available Applications on AWS, 2012***

***OpsCode Chef Fundamentals, 2012***

***Dell Technical Support Certification, 1998***

**Education**

***HS Degree, Century High School, 1993***