

Philip Humpherys

CONTACT

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 - Salt Lake City, Utah
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PROFESSIONAL SUMMARY

Accomplished Senior Systems Engineer & Administrator, Solutions Architect, Developer on full stack with a proven track record leading DevOps, Infrastructure as Code, Platform and Software as Service initiatives. Pioneered the implementations of Virtualization at Hill Air Force Base, and at [KSL.com](https://ksl.com). Fostered team building and mentoring. Adept in systems architecture, cloud solutions, and project management.

EXPERIENCE

Senior Websystems Engineer

Verisk Analytics - Lehi

12/2018 - 11/2023

- As senior engineer, was lead for the DevOps and Infrastructure as Code for Verisk applications on AWS
- Collaborated closely with Dev and QA to ensure that build, testing, and delivery are standardized and optimized for maximum reliability and efficiency
- Implemented robust CI/CD pipelines using Azure DevOps, and IaC best practices using Terraform, CDKTF / Typescript, and AWS CloudFormation
- Completed migration on prem VMWare / Nutanix to AWS EC2
- Managed corporate Atlassian JIRA / Confluence instance in AWS EC2 and ASG
- Developed code for development and operations using Python, Bash, PowerShell, Typescript, Node.js, and Ruby
- Developed monitoring of apps in AWS using CloudWatch and Dynatrace
- Worked a rotational on-call schedule for off-hours systems monitoring, alerting, and high availability
- Completed projects by preparing engineering designs and documents and confirming

specifications

Senior Solutions Architect

RackWare Inc. - Salt Lake City

11/2014 - 11/2017

- Senior Solutions Architect and Customer Facing Engineer for RackWare partners and clients, pre-sale to completion, of RMM implementation and deployment (RMM is RackWare Management Module, which is RackWare developed solution for hybrid-Cloud migrations and Disaster Recovery)
- Architected for RackWare a Proof of Concept RMM solution for client VMWare in vCloud Air: engineered an iptables bridge for VMWare's public and private networks. This solution was adopted for all cloud deployments (i.e AWS, Azure, vCloud, etc)
- Led hundreds of installations of RMM with the client / customer for thousands of migrations (lift and shift), and Disaster and Recovery (DR) deployments
- Direct Report to CTO, filled roles in Project Management conducting Agile Scrums, team building, mentoring, and training

Senior Virtualization & Linux Engineer

Galileo Processing - Salt Lake City

05/2013 - 10/2014

- Lead role in migration of Corporate Office & Desktop systems to VMWare Horizon View, and virtualized payment-processing back end, database, and front end web server systems
- Provided systems administration of 150 Linux systems (physical and virtual) with extremely high emphasis on service availability in two co-located facilities (Salt Lake City & Denver)
- Advised Information Security (Info-sec) teams and Security Director for risk management, security audits, and PCI Compliance
- Provided technical support for Linux operating system related issues to internal customers

Senior Linux & Network Engineer

Deseret Digital Media - Salt Lake City

01/2010 - 05/2013

- Successfully virtualized all e-commerce systems infrastructures for KSL.com and other former Bonneville Intl new-media sites, reduced by orders of magnitude the hardware footprint and maintenance costs
- Administrated high-profile e-commerce website, KSL.com, which is the #1 trafficked site in Utah with over 300 million page-views per month
- Architected and implemented core networking infrastructure and firewall at Triad Center for all

Deseret Management Corporation (DMC) companies

- Architect and implement Backup / Disaster & Recovery solution
- Implemented advanced routing protocols such as BGP, OSPF, EIGRP and RIP for complex network designs

Senior Virtualization & SAN/NAS Engineer

Systems Implementers - Hill Air Force Base

02/2006 - 07/2009

- Completed 3-year Virtualization migration project at Hill AFB HEDC, which comprised of over 400 physical systems virtualized to 2 VMWare vSphere HA clusters, saving the public millions of dollars per year in power, hardware, and maintenance costs
 - Held Secret Clearance
 - Implemented 4 tiers of SAN/NAS storage (EMC Symmetrix & Clariion) at the HEDC data center
 - Advised with other department heads to coordinate successful project completion
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EDUCATION

Master of Business Administration (MBA)

University of Utah, David Eccles School of Business

Salt Lake City, Utah

Bachelor of Science (BS): Computer Science

Brigham Young University

Provo, Utah

CERTIFICATIONS

- AWS Certified Practitioner
 - VMWare Certified Professional (VCP)
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AWARDS

Utah State Chess Champion, 2016 ♟
