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|  | Contact   |  |  | | --- | --- | |  | Salt Lake City, UT 84070 | |  | 8014143948 | |  | phumpherys@gmail.com |     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. Fostered team building and mentoring. Adept in systems architecture, cloud solutions, and project management.    Skills   * Unix/Linux * VMWare / vSphere / ESXi / Nutanix * Cloud * Platform as a Service (Paas) * Infrastructure as Code (IaC) * Python * Project Management * Networking / Routing * Firewalls / VPN * Bash / Power Shell * Kubernetes / Docker * Azure DevOps * CI/CD pipelines * AWS (EC2, ASG, S3, IAM, ECS/EKS * … WAF, LAMDA, RDS, DynamoDB * … EFS, SNS, CloudWatch, SQS) * VMWare (vSphere, vCloud Air) * Terraform * Java * JIRA / Confluence * Json/yaml * C/C++ * Ruby * Node.js * Team Building * Mentoring * Storage SAN/NAS * Agile / Scrum * Chess ♟️ * Technical Writing * Root Cause Analysis * Cost Analysis * Project Management * Software Development * Data Warehousing * Mysql / Postgres / Oracle * Programming Languages * System Troubleshooting * Project Planning * System Design * Communication     Languages   * **Thai 🇹🇭**   Bilingual - ฝรั่งที่พูดไทยเป็น   * **English 🇺🇸 🇨🇦**   Native |  |  | Philip Humpherys     |  |  |  | | --- | --- | --- | |  |  | **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 * Implemented best practices regarding network security measures such as ACLs, NACLs and VLAN segmentation     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 |      |  |  |  | | --- | --- | --- | |  |  | **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) |      |  |  |  | | --- | --- | --- | |  |  | **Awards**    Utah State Chess Champion, 2016 ♟️ | |  |

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