Systems Administrator Systems Administrator Systems Administrator - Mannapov, LLC Fair Oaks, TX Improve operational efficiency using automation and process improvement. Use customer and internal operations advocacy to drive the product development lifecycle. Tools: AWS CLI, Kubernetes, Travis CI, Github, Gitlab, Docker, Ubuntu Server, Wireshark, JMeter, Fiddler, Windows Server 2008/2012 R2, SQL 2008, Nagios Work Experience Systems Administrator Mannapov, LLC August 2018 to Present Deploy code and provision/configure servers for all production and non-production environments Kubernetes cluster provisioning/administration with AWS EKS service Develop Gitlab deployment pipelines and all manifests for dev, staging, and production environments in Kubernetes Develop deployment pipelines using AWS CodePipeline and CodeDeploy Extend Travis CI pipelines to production environments Develop bash scripts to pass as user data for configuration during EC2 launch Develop Python scripts with Boto3 using AWS Lambda for task automation Ubuntu Server, MariaDB, and DynamoDB Administration EC2, RDS, Route53, S3, Cloudfront, and Elastic Beanstalk provisioning/deployments Infrastructure as code using Cloudformation Cloudwatch monitoring and Kibana logging IAM Management Infrastructure Architect for all new projects Routine cost analysis to find savings in reserved instances and rightsizing Application Support Engineer iHeartMedia, Inc. - San Antonio, TX March 2017 to August 2018 Requirements gathering and solutions architecting for new development projects AWS rightsizing initiatives that saved $100,000 a year Production code deployments Cloud formation template development Support/Troubleshoot production systems MSMQ IIS Apache MSSQL Java Windows Server 2003/2008/20012 R2 system administration VMWare vSphere administration Create Powershell and bash scripts for repeated/scheduled tasks IT Project Manager/ Systems Administrator Inspired eLearning - San Antonio, TX August 2015 to March 2017 AWS Solutions architect for product team and SaaS products Administration/Manage AWS Manage $22,000/Mo. budget IAM - Control roles and access management policies to coincide with on-prem policies EC2 - Provision and configure instances/ systems administration, build private AMIs Route 53 - Maintain DNS entries for instances and configure DNS failover VPC/VPN - Created VPC environment and moved 90

instances from EC2 classic to VPC. Cloudwatch - Configured Cloudwatch to gain real time metrics on instance health with real time alerts based on thresholds Cloudfront - Deploy a CDN to allow for global distribution of media   S3 - Created incremental snapshots of instances and used S3 for off-site backup of on-prem systems. IT security initiatives Password security/best practices - Created the policy framework and enforced it with Group Policy. Data security - Leveraged AWS to allow for data encryption at rest. Encrypted all company laptops with Bitlocker Key/certificate management - Created a bi-annual certificate policy to re-key all certificates Inspired eLearning - Support Lead/ Systems Administrator Inspired eLearning - San Antonio, TX August 2014 to August 2015 Windows Server Administration 2008/2012R2/ CentOS/Ubuntu Administration Transitioned support ticketing system to a new system (Zendesk to Desk.com)   Development of internal operations processes   Final line for all customer/internal tech support issues   EC2, RDS, Route53, S3, and Cloudfront provisioning/deployments Pre-Sales support/Solutions Architect Inspired eLearning - San Antonio, TX January 2014 to August 2014 Customer technical support Development of customer support documentation for SaaS products   AWS Administration Windows Server Administration   O365 Exchange Administration   CentOS Administration Zendesk Ticketing System Administration Education Bachelors of Science in Information Systems Security University of Phoenix Skills Linux, System Administrator, System Admin, AWS (5 years)

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