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# proffesional summary

As a DevOps Engineer, I have 5 years of experience in releasing product updates, spotting production issues, and integrating with Redhat Openshift, Azure, and AWS. Implementing secure computing, storage, and network services, as well as constructing and maintaining Openshift clusters with DTR and ArgoCD, are among my specialties. I'm an expert in managing source code with Git/GitHub, AWS CloudWatch, and creating custom metrics. Cost optimisation, IAM, posture management, and incident management are all aspects of my real-world experience.

# Technical Skills

* **Software Development Lifecycle:** Agile and Scrum
* **Cloud Platforms**: Amazon Web Services(AWS), Microsoft Azure
* **Containerization:** Redhat Openshift, Kubernetes
* **Configuration Management**: Ansible
* **Infrastructure as Code**: Terraform
* **Database**: MongoDB
* **Continuous Integration/Delivery(CI/CD)**: IBM Urban Code Deploy, Jenkins, ArgoCD(Continuous Delivery)
* **Scripting**: Yaml
* **Monitoring and Logging**: Prometheus, Grafana, Elasticsearch and Kibana
* **Source Control**: Git, GitHub
* **Issue or Project Tracking**: JIRA, Confluence and ServiceNow
* **Operating Systems**: Linux, Windows Server

# Experience

**PD Technologies**

Freelance DevOps Engineer | November-2021 to Till Date

* Used Terraform and Ansible to work on setting up Openshift and Kubernetes clusters for clients.
* Using CI/CD tools like Jenkins and ArgoCD, I deployed and managed microservices architecture applications on Kubernetes and Openshift clusters.
* Kubernetes and Openshift-based automated deployment and scaling of containerized apps.
* Used Prometheus, Grafana, Elasticsearch, and Kibana to implement and maintain monitoring systems for apps and clusters.
* Used Infrastructure as Code to configure and maintain environments on AWS and Azure.
* IAM, posture management, incident management, and cost optimisation for the client's cloud infrastructure were all worked on.
* Created custom metrics with AWS CloudWatch and used Git/GitHub to manage source code.
* Offered clients prompt technical assistance and troubleshooting for regular operation.

**HCL Technologies**

Analyst | July-2020 to November-2021

* Supporting and maintaining the OpenShift clusters.
* Support activities in openshift, GitHub, ArgoCD, Docker Trusted Registry and Microsoft Azure.
* Upgradation and patching activity in DEV, QA and Prod environment of openshift platform.
* Integrating GitHub, ArgoCD with Openshift and Creating the Azure pipelines for Azure Openshift.
* Cloud tool responsibilities and administrating the Microsoft azure tool for creating the virtual machines, pipelines and maintaining the azure openshift environment.
* Created network policies and configure security groups, subnets, and routing tables in Microsoft Azure.
* Maintained the IAM, Monitor, and Storage in Microsoft Azure.
* Proficient in utilizing Terraform for creating and implementing Infrastructure as Code on Microsoft Azure, resulting in efficient and scalable cloud deployments while adhering to industry best practices.
* Implementation of Security in DevSecOps by using the right tools at right perimeter
* Maintaining escalation procedures for all Severity 1, Severity 2 and Severity 3 tickets.
* Training the Junior Engineers on the setups & work on customer requests.
* Worked as an escalation point of contact for major issues and managed a group of five engineers and 20% productivity gain.
* Creating the Change order for upgrade and patching activity in ServiceNow.

**Accenture**

Application Development Analyst | November-2019 to July-2020

* Deployed/Managed AWS infrastructure of the clients where the AWS services like VPC, EC2, S3, Lambda, RDS, Load Balancer, Auto Scaling, Cloudwatch, Cloud Trail, Transit Gateway, IAM, VPNs, etc were utilized.
* Worked with AWS Cloud Infrastructure team to secure the AWS accounts.
* Creation of VPC, Subnets, Route Tables, NACL, IGW, NAT Gateway, CGW, VPG, VPN, Transit Gateway and VPC Peering.
* Setup/Managing Linux Servers on AWS (EC2, EBS, ELB, SSL, Security Groups, RDS and IAM) in Public and Private Subnets.
* Worked as an escalation point of contact for major issues.
* Migration of data from on premise to AWS.
* Creation of IAM users and roles assigning best suitable policies to them.
* Working closely with the Project Managers to deliver the requirements On-Time.
* Maintaining escalation procedures for all Severity 1, Severity 2 and Severity 3 tickets.

**HCL Technologies**

Analyst | November-2016 to November-2019

* Supporting and maintaining the OpenShift tool.
* Support activities in openshift, UCD and Microsoft Azure.
* Upgradation and patching activity in DEV, QA and Prod environment of openshift platform.
* Managing All virtual Servers in Microsoft Azure.
* Configuring the Storage services, Azure VM, vnet, Azure Function App and IAM in Azure.
* Creation of IAM users and roles assigning best suitable policies to them.
* Maintaining the Daily, Weekly and Monthly availability & SLA Violation Report of Severity 1,2 and 3 tickets.
* Ensure change order is opened properly and timely with the correct severity.
* Participates in planned activities and implementations.
* Providing technical support/troubleshooting for day-to-day operation to users.
* Configuring and Administration of users, groups, Creation/Deletion, Monitoring in UCD.
* Providing the technical support for production environment deployments in UCD tool.
* Creating the Change order for upgrade and patching activity in ServiceNow.

# Education

B.E-Electronics and Communication Engineering (4 years course) at Anna University (June-2012 to April-2016)

Master of Science in Electrical and Electronic Engineering at Coventry University (May-2022 to Till Date)

# Awards and Teaching Experience

* Achieved “HCL SPOT AWARD” (Award for delivering Critical requirements within stipulated timelines) by higher management from HCL for FY 2017.
* Achieved “2018 Year End Recognition” from client ANZ (Award for delivering Outstanding Contributions for the entire year) by higher management for projecting remarkable technical expertise for FY 2018.
* I spent a 12-week period instructing a varied cohort of 30 students in DevOps ideas and practises as a Bootcamp Instructor at Coventry University Academy. Through engaging lectures and practical exercises, this included experience with OpenShift, containerization, CI/CD pipelines, and IaC. I worked with other instructors and staff to build and administer the curriculum, give each student personalised feedback and support, and promote the program's success.