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**Location: Jersey City, NJ**

# PROFESSIONAL SUMMARY:

* Engineering experience in DevOps, Build and Release Engineering, Linux/UNIX, and Virtualization Administration.
* Expertise in Payment Processing, Healthcare Enrollments, Eligibility, Medicare, Medicaid, Claims Processing, and Cash Vault domains.
* Over 8+ years of experience configuring and maintaining AWS services including EC2, S3, VPC, IAM, CloudWatch, RDS, DynamoDB, SNS, SQS, ELB, EBS, Security Groups, Elastic IP, Glacier, Key Pairs, Auto Scaling, Route53, Lambda, CloudFormation, Certificate Manager, Elastic Cache, EMR, and AWS Workspaces.
* Hands-on experience in migrations from on-premises to AWS Cloud.
* Proficient in setting up Amazon EC2 instances, VPCs, and security groups; managing AWS VPC environments with over 200 Linux and Ubuntu instances.
* Configured and managed OpenShift storage solutions, including persistent volumes and persistent volume claims, ensuring reliable data storage for stateful applications.
* Expertise in SCM tools like Git, GitHub, and SVN, and CI/CD tools like Jenkins for streamlining processes and automating tasks.
* Developed build and deployment scripts using Maven and generated reports with SonarQube.
* Experience with Configuration Management Tools like Ansible and deployment on multiple platforms.
* Knowledgeable in Docker, Kubernetes, and OpenShift for container orchestration and management.
* Skilled in Python and Bash scripting for automation and infrastructure management.
* Managed Monitoring Tools such as Splunk, Nagios, Datadog, and CloudWatch for resource and log monitoring.
* Experience with databases like MySQL, Oracle, MongoDB, DynamoDB, and Cassandra.
* Strong experience in Agile methodologies, leading teams through daily standups, sprint planning, reviews, and retrospectives.
* Effective in fostering a culture of continuous improvement through regular feedback and retrospectives.
* Developed and deployed custom Kubernetes Operators in OpenShift to automate the management of complex applications and services.
* Skilled in managing product and sprint backlogs, CI/CD workflows, and complex system integration using DevOps tools like Jenkins, BitBucket, Nexus, CVS, and App viewX.

# Core Competencies:

* + **DevOps & Cloud:** Extensive experience in configuring and maintaining AWS services (EC2, S3, VPC, IAM, CloudWatch, RDS, DynamoDB, Lambda, CloudFormation), Azure services, and GCP.
  + **Automation & Configuration Management:** Skilled in Ansible, Terraform, and Jenkins for CI/CD pipelines, infrastructure automation, and configuration management.
  + **Containerization & Orchestration:** Proficient in Docker, Kubernetes, OpenShift, and Docker Swarm for deploying and managing containerized applications.
  + **Scripting & Programming:** Strong in Shell, Bash, Python, and Perl scripting for automation and infrastructure management.
  + **Monitoring & Logging:** Experience with Nagios, Splunk, Datadog, ELK, Prometheus, and Grafana for resource and log monitoring.
  + **Version Control:** Expertise in Git, GitHub, SVN, and Bitbucket for source code management and collaboration.

# Technical Skills:

**Cloud Platforms:** AWS, Azure, GCP **Version Control:** Git, SVN, Bitbucket **CI/CD Tools:** Jenkins, Bamboo, Airflow

**Configuration Management:** Ansible, Chef, Puppet, tableau

**Build Tools:** Maven, Ant, Gradle

**Containerization:** Docker, Kubernetes, OpenShift, Docker Swarm

**Web Servers:** Tomcat, Apache Kafka, IIS, Oracle WebLogic

**Monitoring/Logging:** Nagios, Splunk, ELK, CloudWatch, Datadog, Prometheus, Grafana

**Scripting:** Shell, Bash, Perl, Ruby, Python, JSON

**Operating Systems:** RHEL, CentOS, Ubuntu, Debian, Fedora, Windows Server **Databases:** Oracle, MySQL, MariaDB, MongoDB, DynamoDB, Cassandra **Networking:** TCP/IP, DNS, NFS, LDAP, SSH, SMTP, OSPF, VLAN

# Education:

* Master of Science (Saint Peter’s University) - MS, Business Analytics, May 2024
* Bachelor of Technology (JNTUK), Computer Science and Engineering, June 2016

# Professional Experience:

## Client: Capital One, Mclean VA (Jan 24 – Present)

## Role: AWS DevOps Engineer

* + Developed and maintained CI/CD pipelines in AWS Code Pipeline and Jenkins for real-time application deployments, reducing downtime and supporting rapid iterations.
  + Configured AWS CloudWatch alarms and integrated with SNS for real-time notifications, enabling quick response to infrastructure issues and ensuring system stability.
  + Deployed Dockized applications on AWS ECS/EKS, using real-time monitoring and scaling to support dynamic workloads and high-availability demands.
  + Managed AWS resources using Terraform.
  + Provisioned and managed Kubernetes clusters using Amazon EKS.
  + Implemented CI/CD pipelines with Jenkins for EKS deployments.
  + Utilized Ansible to automate the deployment and management of OpenShift resources, including projects, services, routes, and persistent storage.
  + Organized and led daily standups, sprint planning, review, and retrospective meetings.
  + Developed real-time feature extraction pipelines using AWS Glue and Lambda, updating feature stores in Sage Maker to support online inference and near real-time analytics.
  + Configured OpenShift networking components, including SDN and ingress controllers, and implemented security policies to ensure secure application deployment.
  + Ensured all scrum artifacts were up-to-date and transparent to stakeholders.
  + Established CI/CD for real-time ML workflows with AWS Code Pipeline, automating data validation, model versioning, and deployment with minimal downtime.

## Client: DTCC, Jersey City, NJ (Aug 23 – Dec 23) Role: Cloud Automation Engineer

* + Created Ansible playbooks for automation on Windows and Linux servers.
  + Worked on RedHat Ansible Automation Platform (AAP).
  + Created templates and inventories on RedHat AAP.
  + Managed AWS resources using Terraform.
  + Provisioned and managed Kubernetes clusters using Amazon EKS.
  + Implemented CI/CD pipelines with Jenkins for EKS deployments.
  + Utilized Ansible to automate the deployment and management of OpenShift resources, including projects, services, routes, and persistent storage.
  + Organized and led daily standups, sprint planning, review, and retrospective meetings.
  + Successfully deployed and managed multiple OpenShift clusters, ensuring high availability and scalability for enterprise applications.
  + Configured OpenShift networking components, including SDN and ingress controllers, and implemented security policies to ensure secure application deployment.
  + Ensured all scrum artifacts were up-to-date and transparent to stakeholders.
  + Provided support for developers using OpenShift, troubleshooting issues related to application deployment, scaling, and performance.

## Client: Capgemini, Bangalore, India (July 21 – Dec 22) Role: DevOps Engineer

* + Integrated OpenShift with monitoring and logging tools such as Prometheus, Grafana, and Elasticsearch to provide real-time visibility into cluster and application performance.
  + Planned and executed OpenShift cluster upgrades with minimal downtime, ensuring smooth transitions to new versions and features.
  + Developed CI/CD pipelines and managed Jenkins jobs.
  + Worked with Ansible for configuration management and automation.
  + Deployed Docker containers and managed Kubernetes clusters.
  + Configured Nagios for monitoring and logging.
  + Organized and led daily standups, sprint planning, review, and retrospective meetings.
  + Fostered a culture of continuous improvement through regular feedback and retrospectives.
  + Monitored team progress towards sprint goals and timelines.
  + Ensured all scrum artifacts were up-to-date and transparent to stakeholders.

Conducted training sessions for development teams to familiarize them with OpenShift best practices, workflows, and troubleshooting techniques.

## Client: Kea Data, Bangalore, India (June 15 - May 21) Role: Software Engineer

* + Configured Jenkins agents to run on OpenShift, leveraging Kubernetes-native resources for CI/CD pipelines.
  + Set up continuous integration using Bamboo and Jenkins.
  + Designed and implemented blue-green deployment strategies on OpenShift to minimize downtime and ensure smooth application updates.
  + Deployed applications on Tomcat servers and automated builds with Maven and Ant.
  + Developed Ansible playbooks for deployment and configuration management.
  + Automated deployments with shell and Perl scripts.
  + Integrated service mesh solutions like Istio with OpenShift to enhance traffic management, security, and observability of microservices.
  + Fostered a culture of continuous improvement through regular feedback and retrospectives.
  + Monitored team progress towards sprint goals and timelines.
  + Ensured all scrum artifacts were up-to-date and transparent to stakeholders.
  + Utilized OpenShift’s monitoring tools to continuously monitor the health and performance of the clusters, proactively addressing issues to maintain high availability.

# Certifications:

* AWS Certified Solutions Architect
* Certified Kubernetes Administrator (CKA)

# Summary:

A highly skilled DevOps and Cloud Automation Engineer, I bring a wealth of experience in AWS, Azure, and GCP, specializing in infrastructure automation, container orchestration, and CI/CD pipeline development. My expertise in Ansible, Terraform, and Jenkins, coupled with a strong foundation in business analytics, positions me as an asset in driving efficient and scalable cloud solutions.