**VANEET VINAYAK**

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**PROFESSIONAL SUMMARY**

Dynamic and results-driven Splunk and AWS Cloud Engineer with 8 years of experience in designing, implementing, and managing complex cloud infrastructure and DevOps solutions. Proficient in leveraging Splunk for robust data analytics, monitoring, and incident management, while utilizing AWS services to optimize cloud environments and drive efficiency. Adept at automating workflows, deploying scalable applications, and integrating CI/CD pipelines to enhance development and operational processes.

Skilled in:

* **Splunk**: Advanced data analysis, dashboard creation, and log management; capable of designing and deploying comprehensive monitoring and alerting systems.
* **AWS Cloud Services**: Expertise in core AWS services (EC2, S3, RDS, Lambda, CloudFormation, etc.) with hands-on experience in architecting and managing scalable, secure cloud solutions.
* **DevOps Practices**: Proficient in continuous integration and continuous deployment (CI/CD) using tools like Jenkins, Git, and Docker; experienced in infrastructure as code (IaC) with Terraform or AWS CloudFormation.
* **Collaboration & Communication**: Excellent team player with a proven track record of working collaboratively with cross-functional teams to achieve project goals and deliver high-quality solutions.

**PROFESSIONAL**

**EXPERIENCE**

# CYDERES Canada June 2023 – Present

# Security Engineer – SIEM (Splunk)

* **Architected Splunk Solutions**: Designed and implemented scalable Splunk architectures to meet enterprise-level requirements for security, operations, and business intelligence.
* **Deployment and Configuration**: Led the deployment and configuration of Splunk instances across multiple environments, including on-premises, cloud-based, and hybrid setups.
* **Data Onboarding and Integration**: Engineered data ingestion pipelines and integrated diverse data sources into Splunk, including structured, semi-structured, and unstructured data.
* **Custom App Development**: Created custom Splunk apps and add-ons to extend the platform’s functionality, tailored to specific business needs and security requirements.
* **Performance Tuning**: Conducted performance tuning and optimization of Splunk clusters to enhance search performance, data indexing, and overall system efficiency.
* **Security Architecture**: Designed and implemented security controls within Splunk environments to protect sensitive data and ensure compliance with regulatory requirements.
* **Data Model and Schema Design**: Developed and optimized Splunk data models and schemas to improve search performance, data accuracy, and reporting capabilities.
* **Advanced Query Development**: Created and optimized complex SPL (Search Processing Language) queries and dashboards to deliver actionable insights and support decision-making.
* **Integration with External Tools**: Integrated Splunk with external systems and tools such as SIEMs, threat intelligence platforms, and cloud services to enhance functionality and interoperability.
* **Automation and Scripting**: Automated routine administrative tasks and reporting using Splunk’s built-in scripting capabilities and external automation tools.
* **Documentation and Training**: Developed comprehensive documentation for Splunk configurations, procedures, and best practices; delivered training sessions to internal teams on effective use of Splunk.
* **Continuous Improvement**: Monitored and evaluated Splunk performance and functionality, recommending and implementing improvements to enhance the system’s capabilities and efficiency.

# Cox Automotive Canada Feb 2020 – June2023

# DevOps Engineer

* **AWS Infrastructure Management**: Designed, implemented, and managed scalable AWS cloud infrastructure using services such as EC2, S3, RDS, Lambda, and VPC to support application deployment and operational needs.
* **Terraform Automation**: Developed and maintained Infrastructure as Code (IaC) using Terraform to automate the provisioning and management of AWS resources, ensuring consistent and repeatable deployments.
* **CI/CD Pipeline Development**: Built and optimized continuous integration and continuous deployment (CI/CD) pipelines using GitHub Actions and GitLab CI/CD to automate build, test, and deployment processes, increasing development efficiency.
* **GitHub Actions Workflow Design**: Created and managed GitHub Actions workflows for automated testing, building, and deployment of applications, integrating with various third-party services and tools.
* **GitLab CI/CD Configuration**: Configured and maintained GitLab CI/CD pipelines to streamline development workflows, including building, testing, and deploying applications to AWS environments.
* **Linux System Administration**: Administered Linux servers, including configuration, monitoring, and troubleshooting to ensure optimal performance and reliability of infrastructure and applications.
* **Monitoring and Logging**: Implemented monitoring and logging solutions using AWS CloudWatch, ELK Stack, or similar tools to track system performance, application health, and troubleshoot issues effectively.
* **Security and Compliance**: Applied security best practices and compliance controls to AWS environments, including managing IAM roles, security groups, and encryption to safeguard sensitive data and meet regulatory requirements.
* **Infrastructure Scaling**: Designed and implemented auto-scaling policies and load balancers to ensure high availability and performance of applications under varying loads.
* **Disaster Recovery and Backup**: Developed and tested disaster recovery and backup strategies using AWS services to ensure data protection and rapid recovery in case of failures.
* **Performance Optimization**: Conducted performance tuning of AWS resources and pipelines to optimize cost, efficiency, and response times for applications and services.
* **Version Control and Branching**: Managed version control using Git, implementing branching strategies, code reviews, and pull requests to facilitate collaborative development and maintain code quality.
* **Cost Management**: Monitored and managed AWS costs, identifying cost-saving opportunities and optimizing resource usage to align with budgetary constraints.

# THALES (India)

# Production support Engineer - L2 Dec 2016 – July2019

* **Production Support and Troubleshooting**: Provided Level 2 support for production environments, troubleshooting and resolving complex issues related to AWS infrastructure, Linux systems, and application performance.
* **AWS Management**: Administered AWS resources including EC2 instances, RDS databases, S3 storage, and VPC configurations, ensuring high availability and optimal performance of production systems.
* **Splunk Monitoring and Analysis**: Utilized Splunk for monitoring and analyzing log data, creating alerts, and generating reports to detect and respond to issues in real-time, enhancing overall system reliability.
* **Incident Management**: Acted as a key point of contact for incident resolution, managing incident response, performing root cause analysis, and coordinating with development and operations teams to resolve production issues.
* **Automation and Scripting**: Developed and maintained scripts using Bash or Python to automate routine tasks and processes, improving operational efficiency and reducing manual intervention.
* **Performance Monitoring**: Monitored system performance metrics using tools like AWS CloudWatch and Splunk, identifying bottlenecks and implementing solutions to enhance application and infrastructure performance.
* **Backup and Recovery**: Implemented and tested backup and recovery processes for critical systems and data, ensuring data integrity and availability in case of system failures or outages.
* **Change Management**: Assisted in planning and executing changes to the production environment, including deployments, configuration updates, and infrastructure modifications, while minimizing impact and downtime.

# TATA TELE SERVICES (India) Aug 2015 – Nov2016

# Linux Engineer

* **Linux System Administration**: Administered and maintained Linux servers across various distributions (e.g., Ubuntu, CentOS, RHEL), ensuring optimal performance, security, and reliability.
* **Installation and Configuration**: Installed and configured Linux operating systems, including the setup of software packages, services, and user accounts to meet organizational requirements.
* **Performance Monitoring**: Monitored system performance using tools like top, vmstat, iostat, and sar, analyzing metrics to identify and address performance issues and bottlenecks.
* **Security Management**: Implemented security best practices, including configuring firewalls (iptables, firewalld), managing SELinux/AppArmor policies, and applying security patches to protect against vulnerabilities.
* **Automation and Scripting**: Developed and maintained automation scripts using Bash, Python, or Perl to automate routine tasks such as backups, system updates, and application deployments.
* **User and Group Management**: Administered user accounts and permissions, including creating and managing user accounts, groups, and access controls to ensure secure and efficient system usage.
* **Log Management**: Configured and analyzed system and application logs using tools like logrotate, grep, and awk to identify and resolve issues and to ensure system stability.

**TECHNICAL SKILLS**

* **Cloud Platforms:** AWS, Azure, Google Cloud
* **CI/CD Tools:** Jenkins, GitHub Actions, GitLab CI
* **Scripting Languages:** Python, Bash, PowerShell
* **Infrastructure as Code (IaC):** Terraform, CloudFormation
* **Monitoring and Logging:** Splunk, New Relic, Nagios
* **Database:** MySQL, Mongo dB

**CERTIFICATIONS**

**AWS Certified Solutions Architect – Associate  
Amazon Web Services  
Feb 2024**

**Splunk Enterprise Certified Admin**

**Splunk**

**Jan 2024**

**HashiCorp Certified: Terraform Associate (002)**

**HashiCorp**

**March 2023**

**EDUCATION**

**Bachelor of Technology in Computer Science and Engineering  
Punjab Technical University, India  
Graduated: May 2015**