### **VAMSI KRISHNA PAMDURTI**

### ***DevOps Engineer***

### ***Brambleton, VA***

### ***Employer Details:***

### *Nancy Reagan*

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#### **PROFESSIONAL SUMMARY:**

* Around 9 years of experience in the IT sector, specializing in build engineering and release management processes.
* Experienced in deploying applications through DevOps practices, including Continuous Integration (CI) and Continuous Deployment (CD).
* Proficient in various tools and technologies such as Git, Maven, Jenkins, Ansible, Docker, Terraform, and AWS cloud services.
* Holds the AWS Solution Architect Associate certification, showcasing expertise in AWS solutions.
* Adept at implementing DevOps best practices, ensuring streamlined development workflows and facilitating continuous integration and delivery.
* Skilled in designing, implementing, and optimizing CI/CD pipelines for automated testing, builds, and deployments.
* Strong background in infrastructure as code (IaC) for automating provisioning and configuration tasks.
* Proficient in containerization technologies, including Docker, and experienced in scaling, managing, and deploying containerized applications with Amazon ECS.
* Hands-on experience with automation tools like Redhat Ansible for infrastructure automation and Terraform for infrastructure provisioning.
* Extensive experience in cloud services with AWS, covering EC2, ELB, Autoscaling, IAM, S3, SQS, SNS, and more.
* Worked with version control systems such as Git and GitHub, ensuring effective tracking of changes.
* Skilled in scripting with Shell and monitoring with Amazon CloudWatch.
* Experienced in working with tracking tools like Jira and collaboration tools such as Confluence.
* Proficient in both Redhat Linux and Windows operating systems.
* Committed to continuous improvement, regularly researching and evaluating new tools and technologies to enhance the DevOps workflow.
* Well-versed in agile and scrum methodologies for effective DevOps implementation.

#### **TECHNICAL SUMMARY:**

* **Cloud Services**: AWS (EC2, ELB, Autoscaling, IAM, S3, SQS, SNS, CloudTrail, CloudWatch, ECS, ECR, Route53, Secrets Manager)
* **SCM**: Git, GitHub
* **Automation Tools:** Red hat Ansible, Terraform
* **Container Tools:** Docker
* **DevOps Tools:** Git, Maven, Jenkins, Nexus, SonarQube
* **Scripting:** Shell
* **Monitoring Tools**: Amazon CloudWatch
* **Collaboration Tools:** Jira , Confluence
* **Operating Systems:** Redhat Linux, Windows, Unix

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#### **CERTIFICATIONS:**

* **AWS Solution Architect Associate (Year 2023)**

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#### **EDUCATION:**

* **Bachelor of Computer Science and Engineering, Jawaharlal Nehru Technological University, Hyderabad, India(2015)**

#### **PROFESSIONAL EXPERIENCE:**

**Apexon**

***Client: Jetprivilege***

***Location: Santa Clara, California, USA***  
***Duration: June 2022 - Present  
Role: Senior DevOps Engineer***

**Responsibilities:**

* Collaborated closely with development and operations teams, ensuring seamless integration of DevOps practices.
* Developed and maintained infrastructure as code (IaC) using Terraform for automated provisioning and configuration.
* Managed AWS infrastructure efficiently, focusing on scalability.
* Designed, implemented, and optimized CI/CD pipelines for automated build, test, and deployment processes.
* Monitored and optimized CI/CD pipelines for enhanced efficiency and reduced deployment times.
* Implemented containerization technologies such as Docker and orchestrated containerized applications using AWS ECS.
* Administered and maintained Atlassian products like JIRA and Confluence for effective project management and documentation.
* Worked with Git and Bitbucket for version control, ensuring effective tracking of changes.
* Interacted with solution architects to gather infrastructure requirements and coordinated with the infrastructure team.
* Assisted clients in creating Jenkins pipelines and provided guidance on best practices.
* Created environment-specific Jenkins CI/CD pipelines for different deployment environments.
* Documented modifications on Jenkins and Terraform, publishing in Confluence.
* Ensured smooth deployments, avoiding disruptions to the production environment.
* Participated in continuous research to evaluate new tools and technologies for enhancing the DevOps workflow.
* Managed installation, configuration and support of Linux and Unix server and systems
* Troubleshot system issues and implemented solutions in Linux/Unix.
* Experience with Unix/Linux system administration functions such as user management, disk management, and network management.

**Environment:**

* Operating Systems: Linux,Unix
* Version Control: Git, Bitbucket
* CI/CD: Jenkins
* Containerization: Docker, AWS ECS
* IaC: Terraform
* Cloud Services: AWS (EC2, ECS, S3, Secrets Manager, VPC, ALB, Route53, CloudWatch)
* Collaboration Tools: Jira, Confluence

#### **OP Financial Group | Quess Corp Limited**

***Client: Accenture Solutions Pvt Ltd.***

***Location: Bengaluru, India***

***Duration: May 2021 - May 2022  
Role: DevOps Engineer***

**Responsibilities:**

* Worked with Amazon AWS EC2 cloud services to install, configure, and troubleshoot on various Amazon images, such as Amazon Linux AMI, Red Hat, and Ubuntu
* Conducted branching and merge-related activities, ensuring efficient version control practices.
* Created and updated environment variables for all components using lightweight pipelines in Jenkins.
* Maintained users in Bitbucket, ensuring proper user management and access control.
* Worked closely with cross-functional teams to implement and maintain CI/CD pipelines in Jenkins.
* Created and updated CI/CD pipelines to accommodate project requirements.
* Debugged deployment issues in Jenkins for swift issue resolution.
* Collaborated with developers and teams to create pipelines based on project requirements.
* Documented modifications made on Jenkins and published documentation in Confluence for reference.
* Managed GIT, which includes creating new users.
* Proficient in constructing end-to-end CI/CD pipelines in Jenkins, covering tasks such as code retrieval, application compilation, test execution, and deployment of build artifacts to Nexus.
* Defined and implemented AWS EC2, AWS IAM, AWS Elastic Load Balancer (ELB), and AWS Auto Scaling.
* Launched Amazon EC2 instances using Amazon Web Services (AWS) and configured them with respect to specific applications.
* Engaged in user account management by creating, deleting, and overseeing user accounts and passwords in AWS IAM
* Established and/or maintained internal Confluence, JIRA, and Bitbucket systems.
* Provided recommendations and developed technical designs for integrating new applications into the DevOps pipeline, ensuring exposure to Sonar for thorough code review.

**Environment:**

* Version Control: Bitbucket, Git
* CI/CD: Jenkins
* Collaboration Tools: Jira, Confluence
* AWS Cloud
* AWS IAM, AWS EC2, AWS Elb, AWS Auto Scaling

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#### **Nabard | Vinfinet Technologies Private Ltd.**

***Location: Bengaluru, India***

***Duration: January 2019 - May 2021  
Role: Senior Software Engineer***

**Responsibilities:**

* Launched Amazon EC2 instances using Amazon Web Services (AWS) and configured them with respect to specific applications.
* Handled operations and maintenance support for AWS cloud resources, including EC2 instances, S3 buckets, Virtual Private Clouds (VPC), and Elastic Load Balancers (ELB).
* Configured AWS Identity and Access Management (IAM) Groups and Users for improved login authentication.
* Utilized Jenkins for continuous integration and continuous delivery (CI/CD) into the Tomcat Application Server.
* Developed build and deployment pipelines using Jenkins to ensure a smooth and automated process.
* Experience in building end-to-end CI/CD Pipelines in Jenkins to retrieve code, compile applications, perform tests, and push build artifacts to Nexus.
* Experience in using Artifactory, Nexus Repository Managers for Maven builds.
* Created Docker files and built images, pushing them to the Docker private registry.
* Experience in branching, tagging, and maintaining the version across the environments, working on Software Configuration Management (SCM) tools like GitHub.
* Defined and implemented AWS EC2, IAM, Elastic Load Balancer (ELB), and Auto Scaling.
* Installed, configured, and administered Jenkins CI tool on Linux machines.
* Utilized the configuration management tool Red hat Ansible for cluster configuration in the cloud environment.
* Expertise in designing and developing Jenkins deployments across all the Environments.
* Managed the AWS infrastructure as code using Terraform, streamlining infrastructure provisioning and updates.
* Created YAML configurations for setting up and deploying builds to multiple nodes using Red hat Ansible.
* Wrote Red hat Ansible playbooks to automate the build/deployment process and implemented overall process improvements to replace manual procedures.
* Managed application deployments and environment configuration using Red hat Ansible configuration management tools.
* Employed the Configuration Management Tool Chef and developed Red hat Ansible playbooks to automate system operations.
* Engaged in user account management by creating, deleting, and overseeing user accounts and passwords.

**Environment:**

* CI/CD: Jenkins, Version Control: GIT
* Configuration Management: Red hat Ansible
* Containerization: Docker
* Infrastructure as Code (IaC): Terraform
* Cloud Services: AWS (EC2, IAM, ELB, Auto Scaling)

#### **Dashboard (Web Page) | Vinfinet Technologies Private Ltd.**

***Location: Bengaluru, India***

***Duration: August 2015- February 2019  
Role: Software Engineer***

**Responsibilities:**

* Configured Jenkins jobs with Git and Maven for generating artifacts.
* Worked with Amazon AWS EC2 cloud services to install, configure, and troubleshoot on various Amazon images, such as Amazon Linux AMI, Red Hat, and Ubuntu.
* Automated the build, test, and deployment processes to ensure a streamlined and efficient pipeline.
* Developed and implemented a CI/CD pipeline using Jenkins to automate the entire software delivery process.
* Integrated Jenkins with the required tools to create a seamless and automated workflow.
* Utilized Git for version control, ensuring effective tracking of changes made by different team members in the source code.
* Collaborated with developers to create pipelines as per project requirements using Jenkins.
* Documented modifications done on Jenkins and published documentation in Confluence for reference.
* Participated in continuous improvement efforts, enhancing the CI/CD pipeline and overall development process.
* Engaged in user account management by creating, deleting, and overseeing user accounts and passwords.
* Defined and implemented AWS EC2, IAM, Elastic Load Balancer (ELB), and Auto Scaling.
* Experience in branching, tagging, and maintaining the version across the environments, working on Software Configuration Management (SCM) tools like GitHub.
* Experience in using Artifactory, Nexus Repository Managers for Maven builds.

**Environment:**

* Cloud Services: AWS (EC2, IAM, ELB, Auto Scaling)
* CI/CD: Jenkins
* Version Control: Git
* Build Automation: Maven
* Artifact Repository: Nexus
* Collaboration Tools: Jira