Rahul K

DevOps Engineer
Newark, DE | (984)-664-0515 | rahulk692828@gmail.com

Professional Summary:

- A cloud-enthused team member with overall **10 years** of experience in the IT sector as a **DevOps engineer**, with proven skill in **Automation, Build/Release Engineering, and Software development** using cloud computing platforms such as **Amazon Web Services (AWS), Azure, and Google Cloud Platform.**
- Expertise with **AWS and Linux**, good knowledge about **AWS cloud services**, including **EC2, S3, EBS, RDS, VPC, and IAM,** as well as **virtualization, cloud computing**, and **AWS services**.
- Expertise **in Developing, Building, and Deploying Scalable** Cloud-based web applications with **AWS and GCP**
- Initiative-taking and committed individual with AWS-developed experience in **Automating, Configuring, and deploying instances on AWS, also familiar with EC2, CloudWatch, Elastic IPs**, and managing security groups on AWS.
- Establishing and managing security groups for **Amazon EC2 instances**. designing **Elastic load balancers using EC2 auto-scaling groups** via architecture. using multiple AZ VPC instances for mapping and volume maintenance.
- Experience in the design and implementation of **Continuous Integration, Continuous Deployment (CI/CD), DevOps toolchain**, and DevOps processes for agile projects.
- Experience with AWS services, like **VPC, EC2, S3, IAM, security group, Auto scaling, Amazon lambda, load balancing, and RDS** in Cloud Formation JSON template.
- Implemented the **GCP Cloud CDN (Content Delivery Network)** for delivering substances from **GCP cache locations,** significantly reducing latency, and enhancing user experience. Set **up GCP Firewall rules** to permit or prohibit traffic to and from the Virtual Machine's instances based on the provided configuration.
- Worked on Services offered **by Google Cloud Platform (GCP)** including cloud **Deployment manager, Compute Engine, Cloud Load Balancing, Cloud Storage, Cloud SQL, and Stack Driver Monitoring.**
- Used **Team City/Octopus, Jenkin/Octopus, and Azure DevOps to create a CI/CD pipeline.**
- Backup configuration, such as **Amazon Machine Images (AMIs)** and snapshots of the instances.
- Experience in working on version control systems like **GIT** and using source code management tools like **Git GUI, Git Bash, GitHub**, and other command-line applications.
- Set up, automated, and administered build and deployment tools such as **Jenkins, Jenkins Pipeline, and Artifactory.**
- Over two hundred applications have been Configured for Continuous Integration and deployment to the **AWS cloud using Team City and Octopus.**
- Using **Azure External Load Balancer**, **virtual machines,** and cloud services within the **VNets** were made publicly accessible online.

- Substantial expertise in **Windows AZURE (IaaS) migration**, including the creation of **AZURE VM, Storage accounts, VHDs, and Storage Pools**, as well as the migration of **on-premises servers to AZURE and the creation of AZURE availability sets.**
- Experience in Setting up **Chef Workstation, bootstrapping various enterprise nodes**, setting up keys, and managing Cookbooks.
- Experience with container-based Virtualized deployments using **Docker worked with Docker images, Docker hub, and Docker registries.**
- **Docker images were generated, stored under ACR, and then deployed along with build artifacts and images onto AKS as a container service using an ARM template, where infrastructure is automatically supplied using the template.**
- Developed both **external and internal load balancers for AKS** to facilitate internal and external traffic communication amongst the pods.
- Created an **AKS cluster with advanced networking**, giving pods first-class citizenship in our network with **AZURE CNI.** Each pod will receive an IP address from the virtual network.
- Knowledge of **JIRA for Issue Tracking, Bug Tracking**, and Project Management.
- Good knowledge in the development and execution of **Python, Bash, Ruby, and SHELL scripts**.
- Experience in network administration, deploying and troubleshooting of **DNS, LDAP, Load Balancing, SMTP, Firewall, etc.**
- Expertise in utilizing **Cloud Watch, Cloud Trail**, and basic notification services for **real-time monitoring and alerting** of applications deployed on **AWS.**
- Working Knowledge of Virtualization technologies like **VMware, Vagrant Configuring and installing Virtual machines, Virtual Center servers, and VMware Appliance**.
- Worked on various operating systems like **Linux, RHEL, Windows, MAC, and CentOS.**
- Excellent practical understanding of **Configuration management and technologies for deployment, such as Terraform, Chef, Ansible, Puppet, and Octopus Deploy.** Experience in implementing continuous delivery (CD) pipeline **with Docker, Jenkins, GitHub, and AWS AMI in a Linux environment.**
- Proficiency with **Nagios and Splunk monitoring tools** and system performance settings.
- Worked familiarity with **infrastructure performance monitoring tools**, log collection and analysis tools, and optimization processes.
- Utilized VPC flow logs and **SILK network monitoring tool** to troubleshoot network issues and outages, schedule upgrades, and work with network architects on network optimization.
- Configure and set up log files in the **Grafana monitoring tool** for details and alarm notifications.

Education:

- **Bachelor's in Computer Science and Technology, SR Autonomous University India.**
- **Master's in Information Systems Technologies, Campbellsville University, Louisville, KY.**

Certifications:

- **Certified AWS DevOps Engineer**
- **Certified AWS Solution Architect Associate**
- **Microsoft Azure DevOps Engineer**

Technical Skills:

SCM Tool	Jenkins, Git.
Scripting	UNIX Shell Scripting (Bourne, Korn, C and Bash).
Build Tool	Ant, Maven, Gradle, SBT, Activator.
Application Servers	Apache Tomcat 7. x.
Web Servers	Apache 2. x.
Languages	Java, Python.
Database System	Oracle 11g/10g, MongoDB, MS Access, Sybase, Greenplum
Platforms	AWS EC2, R3, RDS, Red hat Enterprise Linux 6/5, SNS, SQS.
Networking& Protocols	TCP/IP, HTTP, HTTPS, DNS, DHCP, CISCO ROUTERS.
Operating Systems	UNIX, LINUX, WINDOWS, CENTOS, UBUNTU.

PROFESSIONAL EXPERIENCE:

Client: UNIVERSAL MUSIC GROUP, Los Angeles, CA **May 2022 - Current**

Role: Sr. DevOps Engineer

We are Universal Music Group, the world's leading music company. In more than sixty areas, we own and run a diverse range of companies involved in recorded music, music publishing, merchandising, and audiovisual content. Our group of entrepreneurs are dedicated to ingenuity and originality. The main purpose is to use the power of art to shape culture.

Responsibilities:

- Create and maintain fully automated **CI/CD** pipelines for code deployment using **Bamboo deploy and bitbucket.**
- Actively manage, improve, and monitor cloud infrastructure on **AWS, EC2, S3, and RDS**, including backups, patches, and scaling.
- Experienced in **SaaS** (Software as a Service), **PaaS** (Platform as a Service), and **IaaS** (Infrastructure as a Service) solutions.
- Experienced in authoring pom.xml files, performing releases with the Maven release plug-in, and managing **Maven repositories**.
- Involved in **ARTIFACTORY** Repository Managers for MAVEN.

- Expertise with **AWS infrastructure** utilizing **Redshift, Cloud Formation, Amazon Simple Queue Service Lambda, CloudTrail, Cloud Watch, IAM, and NACL.**
- Performing various Production Elevations such as **Gem fire, Bamboo deployments,** etc. with **SiteMinder** policies.
- Creating and setting up the **Custom Domains** and deploying them to make the domain available to map it to the service endpoints Managed GitHub repositories and permissions, including branching and tagging.
- Automated deployments for 200+ cloud servers using **Python and Bash**.
- Managed **AWS, Jenkins, and Chef** Accounts to control access more effectively to resources and increase security.
- Design and implement solutions for monitoring, scaling, performance improvement, and configuration management of systems running SaaS applications.
- Perform code reviews, evaluate implementations, and provide feedback for tool improvements.
- Cleaning up or stopping the old Instance versions of the **web apps/web services**.
- Quickly troubleshoot and resolve network, hardware, software, and performance issues, including rotating on-call emergency response.
- Well-versed in **DNS, Load Balancing, SSL, TCP/IP, networking, and security.**
- Initiative-taking performance management to ensure the site is always speedy.
- Develop tools and processes to improve customer and Racker lives.
- Maintain and leverage Configuration/Systems Management tools such as **Chef, Ansible, Salt, Puppet, and AWS Management Tools.**
- Architect and develop full stack solutions, from **whiteboard to green SLAs.**
- Created tagging standards for proper identification and ownership of EC2 instances and other **AWS resources.**
- Experienced in using **monitoring tools like Nagios, Splunk, and ELK.**
- Assisting in bringing up the platform resources (AWS and On-prem PCF) and other applications as part of the **TR (Technology Recovery) testing**.
- Used **Kubernetes to manage containerized applications utilizing its nodes, ConfigMaps, node-selector, services,** and deployed application containers as pods. I **worked with the Red Hat OpenShift Container Platform for both Docker and Kubernetes.**
- Proficient in setting up and configuring Baselines, Branching, Merging, and Backup through **GIT**.
- **Monitor, build, and deploy** software releases and provide support for production deployments.
- Use **agile methodology** throughout the project. Involved in weekly and daily bases release management.
- Collaborating with a formidable team of architects and backend developers to gather function and non-functional requirements.
- Monitoring **IoT** (Internet of Things) specified infrastructure design and implementation process.
- Created environment on AWS platform, Bamboo, and Artifactory.

ENVIRONMENT: Git, Bamboo, Jenkins, GitHub, Maven, AWS Console, Splunk, Pivotal Cloud Foundry, Artifactory, AWS (EC2, S3, RDS, EBS), Firewall, Gem fire, SiteMinder, Docker, CloudFormation, Lambda, SNS, IAM, Confluence, CloudWatch.

Client: LEXIS NEXIS, Raleigh, NC **May 2020 – April 2022**

Role: Sr. Azure/GCP/DevOps Engineer

Our company's goal is to promote the rule of law globally, as this is essential to fostering social cohesion and prosperity. With 10,500 coworkers, we are a data and analytics organization that serves clients in more than 150 nations. Our teams are revolutionizing our customers' work processes by fusing unmatched legal and business knowledge with technology and analytics.

Responsibilities:

- Involved in **SCRUM ceremonies** (**stand-up, grooming, planning, demo/review, and retrospective)** with the teams to ensure successful project forecasting and realistic commitments.
- Assisted application teams with the use of **Azure for all IAAS, PAAS, and SAAS**, set standards, and provided guidance and best practices in the cloud.
- Utilized **Ansible Tower** for configuration management at the O/S level across multiple infrastructure components in **VMware and Azure.**
- Building and maintaining **Kubernetes, Linux, Bash, GIT,** and **Docker container clusters on GCP.**
- Deployed highly available, **scalable, and secure cloud infrastructure in Microsoft Azure.**
- Involved in dealing with **Windows Azure IaaS - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, VPN, Load Balancing, Application Gateways, Auto-Scaling and Traffic Manager.**
- Expertly utilized Infrastructure as code approach using **Terraform** and **Terraform Enterprise as an infrastructure orchestrator for MS Azure Cloud Platform.**
- Utilized **Infrastructure as a Code (IAC) model for VMware infrastructure and Public Cloud environment MS Azure.**
- Configure **Chatbot Engineer** and **stack driver** in **GCP** for **Monitoring and Alerting.**
- Converted **.Net application to Microsoft Azure Cloud Service Project as part of cloud deployment.**
- Used **Chef** for **configuration management** of hosted instances within **GCP.** configuring and networking of **virtual private cloud (VPC).**
- More than **two hundred applications have been onboarded to Octopus Deploy for deployment to production, DEV, SIT, and UAT environments.**
- Managed servers on the **Microsoft Azure Platform Azure Virtual Machines instances** using **Ansible Configuration Management** and created **Ansible Playbooks**, tasks, and roles to automate system operations.
- Worked on **AZURE (IaaS) migrating like creating AZURE VMs, storage** accounts, **VHDs**, **and storage pools, migrating on-premises servers to AZURE and creating availability sets in AZURE** and performed Hardening of the VMs and disk encryption using the **KEK key in MS Azure.**
- Responsible for using **Packer** to **deploy artifacts** in the **GCP platform.**
- Wrote Ansible Playbooks with **Python SSH as the Wrapper to Manage Configurations** of **OpenStack Nodes and Test Playbooks on Azure instances using Python.**

- Used Ansible to manage **Web applications, Environment configuration Files, Users, Mount points, and Packages.**
- Deployed Ansible playbooks in **the AZURE environment using Terraform** as well as created **Ansible roles using YAML**. Used **Ansible to configure Tomcat servers and their maintenance**.
- Created **TERRAFORM** to manage the **GCP Platform's environment provisioning**.
- Used Ansible playbooks to set up **Continuous Delivery (CD) pipeline which primarily consists of Azure DevOps to run packages** and it supports software components that are from **the Maven build tool.**
- With **Stack driver logging GCP,** construct custom log metrics**.** Then, use the custom log metrics to create **charts and alerts.**
- Worked with Ansible and Ansible Tower **as Configuration management (CM) tool, to automate repetitive tasks, and quickly deploy critical applications.**
- Installed, set up, and **maintained Network and Resource Monitoring tools like Nagios and Splunk.**
- Built scripts using **Maven build tools in Azure DevOps to deploy J2EE applications to Application servers** from one environment to other environments.
- Used **Azure DevOps to build a Continuous Integration and Continuous Deployment (CI/ CD) pipeline for the automation of daily processes.**
- Worked with **Kubernetes installation and configuration, clustering, and managing local Kubernetes deployments.**
- Configured, Maintained, and customized **Ticketing tools & Monitoring tools such as JIRA as per requirements to promote team coordination and ticketing system.**

Environment: RHEL, Windows, Agile, Scrum, MS Azure, Google Cloud Platform (GCP), Azure IaaS - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, VPN, Load Balancing, Application Gateways, Auto-Scaling, Traffic Manager, Ansible, .Net, Python, Ansible Playbooks, Docker, Kubernetes, Git, Azure DevOps, Maven, Jira.

Client: ADVANCE AUTO PARTS, Raleigh, NC **Sep 2018 – May 2020**

Role: Sr. DevOps Engineer (AWS, AZURE, GCP)

Advance Auto Parts, Inc. is a leading automotive aftermarket parts provider that serves both professional installers and do-it-yourself customers. In the United States, Canada, Puerto Rico, and the U.S. Virgin Islands, Advance runs retail locations and branches. Along with these sites, the Company also provides services to independently owned Carquest branded stores in Mexico and the Caribbean Islands. Visit www.AdvanceAutoParts.com for more details about Advance, including job openings, customer support, and online parts, accessories, and other goods purchasing.

Responsibilities:

- Worked on microservices which are deployed on docker containers supporting the production workloads.

- To make sure the servers running the business solutions are healthy and running.
- Contribute to cloud strategy discussions and decisions on overall cloud design and the best approach for implementing cloud solutions.
- Define best practices around migrating applications and required databases to laws and other cloud providers.
- Set up **Octopus server to deploy to Linux server via SSH** and installed Tentacles on Windows and Linux deployment targets.
- Identify system enhancement and automation opportunities for **installing/supporting database technologies, building, deploying, and monitoring applications** as well as alerting and remediating system outages.
- Working directly with development and DevOps teams by leading and being accountable for the design and delivery of advanced DevOps capabilities.
- Assisting in the development of overall project plans and timetables, analysis, and identification of intermediate deliverables.
- Responsible for using **Packer** to deploy **artifacts** in the **GCP platform.**
- Supporting production software operations, testing, and debugging programs.
- Employed **Chef** to manage hosted instance configurations in **GCP**. setting up the **Virtual Private Cloud (VPC)** and connecting it.
- **Automated deployments using Octopus deployment and builds of databases, UIs, APIs, and microservices using Team City.**
- Worked on **TERRAFORM**, which is used by the **GCP Platform to provision environments.**
- Working on **Azure Virtual Networks, App services, SQL Azure, Storage, and Azure AD.**
- Involving in Network Communication and protocols such as **TCP/IP, Telnet, FTP, NDM, SSH, NIS, NFS, NTP Configuration, and Administration.**
- Managing IaaS and PaaS infrastructure that support development applications.
- Report progress and status of assigned tasks to project teams and managers.
- To address the Security concerns, we implemented **a Guard Duty service and connected Slack to alert our security staff for Monitoring.**
- Building and upholding **Kubernetes, Linux, Bash, GIT,** as well as **Docker container clusters on GCP.**
- Responsible for **Implementation, design, architecture, and support of cloud-based solutions across multiple platforms.**
- Create and maintain highly scalable and **fault-tolerant** multi-tier AWS and Azure environments spanning across multiple availability zones using **Terraform** and **CloudFormation**.
- Written **terraform scripts from scratch for building Dev, Staging, Prod, and DR environments**.
- Involved in the design and deployment of a multitude of cloud services on **AWS stack such as EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, and IAM, while focusing on high availability, fault tolerance, and auto-scaling.**

Environment: **DevOps, Java/J2EE, jQuery, Tomcat, Apache, Oracle 11g, Jenkins, Python, Ruby Chef, JIRA, Confluence, Remedy, Maven, Artifactory, GITHUB, Ubuntu, CentOS, Linux, AWS ELB, AWS SQS, AWS S3, AWS Cloud Formation Templates, AWS RDS, AWS Cloud Watch, Google Cloud Platform (GCP), AZURE, Ruby, PowerShell, Chef, Docker.**

Client: CLEAN HARBORS, INDIA **Aug 2017 – Sep 2018**

Role: DevOps Engineer

The company works with a wide range of clients, most of which are Fortune 500 businesses. Numerous government bodies and other industries, such as manufacturing and chemicals, make up its clientele. These clients count on Clean Harbors to provide a wide range of services, including industrial cleaning and maintenance, emergency spill response, end-to-end hazardous waste management, and recycling services.

Responsibilities:

- Contribute to Cloud strategy discussions and decisions on overall Cloud design and best approach for implementing Cloud solutions.
- Define best practices around migrating applications and required Databases to AWS and other Cloud providers.
- Develop standards and procedures for all aspects **of Databases/Warehouses in the Cloud.**
- Identify system enhancement and automation opportunities for installing/maintaining database technologies, building, deploying, and monitoring applications as well as alerting and remediating system outages.
- Provide installation, configuration, maintenance, and troubleshooting support for database application software both on-premises and in the Cloud.
- Design, develop, evaluate, and implement software applications and customized **business applications using APACHE, TOMCAT, Java Scripts, HTML/DHTML, XML/XSLT on Unix, Jenkins, Terraform, etc.**
- Work closely with other infrastructure teams to deliver new environments and resolve problems related to existing infrastructure.
- Experience collaborating with **Amazon Web Services (EC2/AWS) - Web consoles, APIs, and Security Groups.**
- Configured **AWS Identity Access Management (IAM) Group and users for improved login authentication.**
- Configured **Elastic Load Balancers with EC2 Auto Scaling Groups.**
- Created monitors, alarms, and notifications for **EC2 hosts using Cloud Watch.**
- Managed the source codes repository of multiple development applications using **the GIT version control tool.**
- Extensively worked on Jenkins for continuous integration **(CI) and End-to-End automation for all builds and deployments.**
- Configuration of various plugins for **Jenkins for automation** of the workflow.
- Worked on **Chef and Ansible** for the deployment of servers.
- Installed **Chef Server Enterprise, and Workstation, and bootstrapped** the nodes using a knife and automated by testing Chef recipes/cookbooks with test-kitchen.
- Implementing a Continuous Delivery framework using **Jenkins and Chef in a Linux environment.**

- Incredibly good knowledge of **Jenkins pipeline for continuous integration using Maven Build Management to Nexus Repository.**
- Used Chef to configure and manage infrastructure. Wrote cookbooks to automate the configuration setups.
- Used **JIRA for Issue Tracking, Bug Tracking, and Project Management.**
- Container management using Docker by writing Docker files and setting up the automated build on **Docker HUB.**

Environment: **AWS (IAM, EC2, S3, ELB, CloudWatch, IAM, VPC, Autoscaling), Nexus, Jenkins, Chef, Docker, Maven, VirtualBox, Bash, Shell, Apache Tomcat, CentOS, Ubuntu**. **DevOps, Java/J2EE, jQuery, Tomcat, Apache, Oracle 11g, Jenkins, Python, Ruby Chef, JIRA, Confluence, Remedy, Maven, Artifactory, GITHUB.**

Client: SUTHERLAND GLOBAL SERVICES, INDIA **June 2015 – Aug 2017**

Role: Azure Cloud/DevOps Engineer

Sutherland is an experience-driven digital transformation firm that can assist your organization in achieving non-linear development by providing highly designed experiences for both your staff and your (very human) clients. To do this, we integrate automation, artificial intelligence, cognitive technologies, real-time analytics, and human-centered design.

Responsibilities:

- Involved in installing and configuring **Chef Server, and Chef-Solo along with creating Chef Cookbooks** and implementing the latest releases of **Chef-Solo, and written Chef Recipes to install and configure Nagios for monitoring Infrastructure.**
- Also worked on **Docker compose** to schedule multiple containers and written **compose YML files to configure and scale multiple application services**.
- **Designed, built, and automated solutions centered on the Azure Kubernetes (AKS) container orchestration platform and its ecosystem of projects.**
- **Created and maintained Continuous Integration (CI) using Azure DevOps** over multiple environments to facilitate an agile development process, which is automated and repeatable, to deploy code many times a day while **ensuring Azure Kubernetes Services (AKS)** is supported.
- Defined and created **master ARM templates** for the entire **Azure services** as well as **PowerShell DSC modules** for running post-installation scripts and **Azure DevOps** configuration.
- Implemented full-scale disaster recovery involving configuring **Azure Site recovery, and setting up Recovery service** vaults to ensure constant data replication so that the copies are coordinated.
- Designed and implemented **Azure file sync, from setting up Storage Accounts, Storage Sync Services as well as Sync groups.**
- Designed and configured **virtual machines, Azure Virtual Networks (VNets), subnets, Azure network security Groups, Express Route Circuits, DNS Zones, and security policies** deployed those using Terraform.

- Provided high availability for **IaaS VMs and PaaS** role instances for access from other services in **the VNet with Azure Internal Load Balancer, Traffic Manager, and Load Balancing rules for various Applications.**
- Engineered different reports synchronizing from **ServiceNow** to **Azure portal** including Azure Tags and as such using PowerShell Automation.
- Automated most of the Cloud infrastructure deployments as well as many tasks around AD and Azure AD, Identity and **Access Management (IAM) using PowerShell and Terraform**.
- Administered **Kubernetes design** and custom application implementation and created a mesh pod network between **Kubernetes clusters** also implemented a production-ready, load-balanced, available, fault-tolerant, **Autoscaling Kubernetes Infrastructure** and **Microservices Container Orchestration.**
- Worked on deployment automation of all the Microservices to pull an image from the **private Docker registry and deploy it to the Docker swarm cluster.**
- Created analytical matrix reports, and dashboards for release services based on **JIRA tickets.**
- Also used **JIRA ticketing tool** for tracking tickets and change management in **the Agile/ Scrum development process.**

Environment: Windows, Linux, Chef, Chef Server, Chef Recipes, Terraform, Azure, Kubernetes, VPC, Subnets, Azure DevOps, Azure network security Groups, Express Route Circuits, DNS Zones, Azure AD, Identity and Access Management (IAM), Azure Kubernetes Services (AKS), PowerShell, Docker, Jira, Agile/ Scrum.

Client: CYIENT LTD, INDIA **May 2014 – June 2015**

Role: DevOps Engineer (AWS) (Internship)

Cyient has built a culture focused on quality and business excellence that allows us to create value for all stakeholders. We are committed to institutionalizing practices that conform to safety, security, regulatory, sustainability, and statutory requirements. Create a collaborative workplace that supports diverse thinking and inspires talented people to reach their potential.

Responsibilities:

- Used the command line interface to manage apps, and services in **Pivotal Cloud Foundry** as well as Apps Manager.
- Create, and bind the user-defined and built-in services in Pivotal Cloud Foundry **(PCF).**
- Build, Test, and deploy applications by using **Pivotal Cloud Foundry.**
- Utilized **GIT for source code management.**
- Infrastructure (ensuring system availability, performance, capacity, and continuity through proper response to incidents, events, and problems)
- Responsible for creating change records and Incident tickets to resolve any platform issues to maintain the platform in a healthy state.

- Involved in Planning, deploying, monitoring, and maintaining **Amazon AWS cloud infrastructure consisting of multiple EC2 nodes and VMWare as required in the environment**.
- Working with business partners to capture system functional and non-functional requirements.
- Troubleshooting the **AWS and On-prem** Jira Queue/support tickets that in turn help the end clients to resolve the issues, they experience.
- Assisting in the development of overall project plans and timetables, analysis, and identification of intermediate deliverables.
- Developing and maintaining documentation and diagrams outlining automated solutions and environmental architecture.
- Collaborating with the new members on board and helping them to get up to speed on everyday issues.
- Providing on-call production support.
- Involved in maintaining, executing, and scheduling build scripts to automate **DEV/ QA/ UAT builds.**
- Implemented a **Continuous Delivery** pipeline with **Docker, Jenkins GitHub, and AWS AMI.**
- Troubleshoot application problems by diagnosing issues.
- Provided 24/7 support coverage, pager support, and weekend support.

Environment: **AWS (IAM, EC2, S3, ELB, CloudWatch, IAM, VPC, Autoscaling), Nexus, Jenkins, Chef, Docker, Maven, VirtualBox, Bash, Shell, Apache Tomcat, CentOS, Ubuntu**. **DevOps, Java/J2EE, jQuery, Tomcat, Apache, Oracle 11g, Jenkins, Python, Ruby Chef, JIRA, Confluence, Remedy, Maven, Artifactory, GITHUB.**