

MUHAMMAD FAROOQ

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OBJECTIVE

Seeking a DevOps Engineer role to leverage extensive experience in automating and streamlining software delivery processes. Aiming to contribute expertise in containerization (Docker, Kubernetes), configuration management (Ansible, Terraform), cloud computing (AWS, Azure), and CI/CD pipelines (Jenkins, GitLab CI/CD). Strong background in scripting (Python, Bash) and system administration (Linux, Windows) to implement DevOps practices that improve efficiency, reliability, and security.

EXPERIENCE

DevOps Engineer

Wells Fargo | Addison, TX

April 2022 - Current

- Implemented and optimized CI/CD pipelines using Jenkins and GitLab CI/CD, resulting in reduced deployment times and increased delivery frequency.
- Containerized and deployed mission-critical applications on Kubernetes clusters (AWS EKS and on-premises), improving scalability, availability, and resource utilization.
- Automated infrastructure provisioning and configuration management using Terraform and Ansible, ensuring consistent, repeatable deployments.
- Developed Python scripts to automate routine tasks and monitor system health, streamlining operations and improving incident response.
- Configured and managed AWS services (EC2, ECS, S3, CloudFormation) for hosting and scaling applications, optimizing resource utilization and reducing costs.
- Set up and optimized monitoring and logging solutions (Prometheus, Grafana, ELK Stack) for improved visibility and faster issue detection.
- Collaborated with development teams to implement DevOps practices and establish an automated software delivery pipeline, reducing lead time for changes.
- Automated server provisioning and configuration using Ansible and PowerShell scripts, improving efficiency and ensuring consistent server environments.
- Implemented backup and disaster recovery strategies using various tools and cloud storage solutions, minimizing data loss and improving business continuity.
- Provided technical support, documentation, and training to internal teams and end-users, contributing to knowledge transfer and increasing operational efficiency.
- Migrated on-premises applications to the cloud (AWS, Azure) leveraging docker containerization and infrastructure as code, enabling scalability and reducing operational overhead.
- Experienced in creating alarms on CloudWatch for monitoring the server performance, CPU utilization, disk usage, etc.
- Implemented security best practices and hardening measures for docker containerized applications and infrastructure, enhancing overall system security.
- Actively pursued continuous learning and self-improvement, staying up to date with the latest DevOps tools, technologies, and industry best practices.
- Collaborated effectively with cross-functional teams, fostering a culture of knowledge sharing and continuous improvement.
- Participated in on-call rotations, ensuring timely incident response and resolution, maintaining high system availability and uptime.

Senior Linux Systems Engineer / DEVOPS

UPS | Atlanta, GA

March 2020 – March 2022

- Administered and managed Red Hat Enterprise Linux (RHEL) servers, including installation, configuration, and troubleshooting on AWS cloud and VMware infrastructure

- Deployed and maintained web servers (Apache, Nginx), database servers (MySQL, PostgreSQL), and other server applications on EC2 instances
- Implemented system hardening measures, security best practices, and configured firewalls (iptables, firewallld) for server protection.
- Automated system administration tasks using scripting languages (Bash, Python) and configuration management tools (Ansible, Puppet).
- Monitored and optimized system performance, utilizing tools like top, htop, sar, and vmstat.
- Managed storage solutions, including LVM (Logical Volume Manager), software RAID, and network file systems (NFS, Samba).
- Tested playbook code deployment on local SIT environment before pushing code on QA, Prod and Dev environment.
- Modeled and automated the End to End Continuous Integration, Deployment, Delivery pipeline which included building a Continuous Integration server utilizing tools like Jenkins and Git.
- Implemented and managed virtualization technologies like KVM and Docker for efficient resource utilization and application deployment.
- Extensive knowledge and experience in configuration management; As well as deploy, build , and release management with AWS, Terraform, Ansible, and various other configuration management tools.
- Worked with Terraform for automating VPCs, ELBs, security groups, SQS queues, S3 buckets.
- Launched Amazon EC2 instances using Amazon Machine Images (RHEL/Ubuntu) and configuring launched instances with respect to specific applications.
- Used Amazon Cloud Watch to establish metrics and monitor the health/utilization of AWS resource.
- Utilized AWS Cloud Formation to automate infrastructure provisioning and deployment to reduce time to production.
- Performed quarterly patching as well as required patching in case of any vulnerability on Windows and Linux servers through use of automation tools such as Jenkins and Ansible
- Performed network administration tasks, including configuring network interfaces, routing, and DNS.
- Managed user and group accounts, file permissions, and access control lists (ACLs) for secure data access.

Linux Systems Administrator

Bit by Bit | NYC

July 2018 – March 2020

- Experienced in monitoring and debug performance issues on different OS Linux (RHEL & Centos),
- Provided both Remote and On-Site System Administration support for Red Hat Linux Servers
- Experienced in creating and maintaining user accounts, profiles, security, rights, disk space and process monitoring.
- Provided 24x7 on-call support on rotation basis and Handling High priority incidents through bridge call.
- Built/Installed RedHat Enterprise Linux (RHEL) servers
- Configured OS and provision server with memory, disk and CPUs
- Troubleshooted applications running on the Linux systems
- Managed and deployed OS patches using ansible
- Performed MYSQL installations, database design, configuration, backup, recovery and upgrades in both Linux and windows environment.
- Automated processes using Bash scripting.

EDUCATION

Bachelor's of Business Administration in Accounting

University of Houston, December 2018

SKILLS

- **Linux** (RHEL, Ubuntu, Centos)
- **Windows**

- **AWS** (EC2, S3, EBS, VPC, RDC, CloudWatch, Glaciers)
- **Automation** (Ansible, Terraform)
- **Containerization** (Docker, Kubernetes)
- **Scripting** (Bash, Python)
- **Database** (SQL, MongoDB)
- **Microsoft Azure DevOps** (Azure Monitor, Azure Log Analytics, Azure Pipelines, Azure Boards, Azure Repos, Azure Alerts, Azure AKS)