Manasi Jadhav

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SUMMARY

Detail-oriented and motivated DevOps Engineer with over 2 years of experience working in Linux environments, cloud infrastructure (AWS), automation, and CI/CD pipelines. Proven expertise in deploying scalable applications, monitoring system performance, and managing production-ready cloud services. Strong background in configuring EC2, managing IAM policies, and creating CI/CD pipelines with Jenkins. Known for enhancing deployment efficiency, minimizing system downtime, and implementing infrastructure best practices.

- Experienced DevOps Engineer with a solid foundation in system administration, cloud infrastructure (AWS), and automation pipelines. Adept at integrating DevOps practices into the software development lifecycle to streamline builds, deployments, and monitoring.
- Proficient in AWS ecosystem, including hands-on experience with EC2, S3, IAM, CloudWatch, RDS, Lambda, and VPC. Skilled in provisioning infrastructure, securing resources, and optimizing cloud costs through automation and best practices.
- Strong Linux background, with expertise in managing user permissions, configuring services, patching, cron automation, shell scripting, and maintaining production-grade Linux servers (Ubuntu, CentOS).
- Automation-first mindset, with experience in creating CI/CD pipelines using Jenkins and GitHub Actions.
- Containerization and orchestration skills, including Docker and Docker Compose. Proficient in creating Dockerfiles, managing container images, and deploying containerized applications for development and staging environments.
- Monitoring and logging expert, having implemented tools like AWS CloudWatch for real-time system insights, proactive alerting, and root cause analysis.
- Versatile collaborator, experienced in working with development, QA, and operations teams to ensure seamless delivery. Demonstrates excellent communication skills and is comfortable coordinating with cross-functional and remote teams.
- Version control and collaboration tools such as Git, GitHub, GitLab, Bitbucket, and project tracking tools like JIRA and Confluence are part of daily workflow routines.
- Quality and security-conscious, with familiarity in implementing role-based access control, managing secrets, and participating in incident resolution and disaster recovery practices.
- Proficient in writing and optimizing SQL queries for data extraction, transformation, and reporting.
- Experience with relational databases like MySQL and MS SQL Server in CI/CD environments.

TECHNICAL SKILLS

Operating Systems	Linux (Ubuntu, CentOS), Windows
Cloud Platforms	AWS (EC2, S3, RDS, IAM, CloudWatch, Lambda, VPC, EBS, Route53)
Configuration & Monitoring	CloudWatch, Prometheus, Grafana
Containerization & Orchestration	Docker, Docker Compose
Methodologies	SDLC, Waterfall and Agile (Scrum)
Version Controls	Git, GitHub
CI/CD	Jenkins, GitHub Actions
Database	MY SQL, SQL Server, MongoDB

Other Tools	JIRA, Confluence, Terraform (basic), Postman

PROFESSIONAL EXPERIENCE

Elliot Systems, Pune, India   **May2025 – Feb 2025**
DevOps Engineer – Intern
- Collaborated with development and QA teams to streamline deployment pipelines and implement CI/CD best practices.
- Automated build and deployment processes using Jenkins and GitHub Actions for frontend (React) and backend (.NET Core) components.
- Containerized microservices using Docker; configured Docker Compose for local development and staging environments.
- Managed deployment configurations across environments using environment variables and parameterized build jobs.
- Performed API testing using Postman and validated service availability post-deployment.
- Assisted in setting up and configuring AWS services (EC2, IAM, S3) for staging deployments and storage solutions.
- Maintained system health dashboards using basic Prometheus/Grafana stack and AWS CloudWatch for early issue detection.
- Participated in sprint ceremonies and maintained DevOps documentation for knowledge sharing across teams.Automated
- Created and maintained monitoring dashboards using SQL queries integrated with Grafana/Prometheus.

Environment: AWS (EC2, S3, IAM), Jenkins, GitHub Actions, Docker, Prometheus, Grafana, Visual Studio, Linux (Ubuntu), Agile/Scrum

ITProfound, Inver Grove, MN   **Nov 2024 – March 2023**
DevOps & AWS Systems Engineer

- Administered and maintained Linux-based production environments, including user management, permissions, package installations, and security configurations.
- Managed AWS resources such as EC2 (provisioning and maintenance), S3 (for secure object storage), RDS (for database management), and IAM (for secure access control).
- Designed and monitored CloudWatch alarms to ensure high availability and quick troubleshooting of application failures.
- Developed shell scripts to automate routine server administration tasks and improve operational efficiency.
- Handled system configuration and backups using cron jobs and rsync, ensuring consistent uptime and recoverability.
- Incorporating JIRA within a project offering a approach in identifying, documenting, and prioritising defects found during testing.
- Built Jenkins pipelines for CI/CD automation, reducing deployment times by 50%.
- Integrated Git with Jenkins for automated builds and implemented quality gate checks.
- Supported application deployment and infrastructure scaling based on monitoring metrics and load testing.
- Worked closely with security team to implement best practices in key rotation, SSH security, and access control policies.

Environment: AWS (EC2, S3, IAM, CloudWatch, RDS), Jenkins, Git, Docker, Bash, Maven, MySQL, Postman, SoapUI, JIRA, Linux (Ubuntu/CentOS), Agile/Scrum

State University of New York, Plattsburgh, NY   **Dec 2022 — January 2021**
DevOps Intern / Junior Engineer
- Incorporating JIRA within a project offering a approach in identifying, documenting, and prioritizing defects found during testing.
- Provided a concise summary of the project objective, scope, and functionalities, through creating Business and Functional Requirement Documents.
- Used Agile (scrum) Software development Methodology and participated all agile ceremony.

- Tested user stories on 2 weeks' sprints and participated different Agile meetings.
- Participated in User story grooming session with agile team and PO and provided inputs.
- Supported CI/CD development using GitHub Actions and Jenkins to automate deployment workflows.
- Configured AWS EC2 instances and basic security group/firewall rules for development and testing environments.
- Assisted in monitoring resource utilization and uptime using CloudWatch and basic Grafana dashboards.
- Managed Git repositories, pull requests, and merges; coordinated with teams for code release scheduling.
- Handled daily operations, bug reports, and system-level testing in Agile sprints.

Environment: AWS (EC2, S3), Jenkins, GitHub Actions, Postman, JIRA, Agile/Scrum, Grafana (basic setup)

EDUCATION

State University of New York, Plattsburgh
Bachelor Of Science, Computer Science, Major   *GPA: 3.40/4.0*
Web Designing and Programming, Minor   *GPA: 3.67/4.0*