CONTACT

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OBJECTIVE

Cloud & DevOps Engineer with 3+ years of experience and strong working knowledge in designing, deploying, and managing scalable and elastic AWS cloud infrastructure. Possess hands-on experience and familiarity with AWS services including VPC, EC2, S3, ALB/ELB, RDS, DynamoDB, and CloudWatch, supporting reliable and high-availability production environments. Skilled in CI/CD tools such as Jenkins and GitHub Actions, Docker-based containerization, and Infrastructure as Code using Terraform to automate builds, deployments, and infrastructure provisioning. Demonstrated good knowledge of deployment automation, release management, and cloud service operations. Experienced in monitoring and observability tools including Prometheus and Grafana, with a focus on performance, stability, and continuous improvement. Seeking to contribute technical expertise and DevOps best practices to a growth-oriented organization while supporting scalable cloud services and automation initiatives.

EXPERIENCE

Oct 2022 - Till now

- **Cloud & DevOps Engineer**
  Ingen Technology Pvt Ltd
  - Provisioned and managed AWS cloud infrastructure using Terraform (Infrastructure as Code) with strong working knowledge of AWS services including VPC, EC2, IAM, S3, ALB, RDS, and DynamoDB, enabling repeatable, version-controlled, and elastic deployments while reducing configuration drift.
  - Designed and automated CI/CD pipelines using GitHub Actions and DevOps tools to deploy containerized applications on Kubernetes, supporting Docker-based workloads across AWS and Render, with good knowledge of release automation and minimal manual intervention.
  - Implemented monitoring and observability solutions with Prometheus, Grafana, and AWS CloudWatch, demonstrating familiarity with monitoring tools to create dashboards and alerts for proactive tracking of system health, performance, and service availability..
  - Administered and supported Linux systems with hands-on experience in server hardening, user and permission management, package installation, troubleshooting, and performance tuning, ensuring stable and secure production environments.
  - Built and managed containerized environments using Docker, maintaining consistency across development, staging, and production environments by integrating SonarQube for code quality analysis and Trivy for container security scanning, applying good DevOps practices.
  - Supported high-availability and fault-tolerant AWS production systems using Application Load Balancers, health checks, and environment configuration, with working knowledge of elastic cloud infrastructure and managed services.

SKILLS

- Python
- Git
- AWS (EC2,S3, RDS, Lambda, VPC, IAM, CloudWatch, ECR, EKS, ECS,Code build, Code deploy, Code pipeline)
- Jenkins
- Terraform
- Grafana
- Shell scripting
- Docker
- Kubernetes
- Sonarcube
- Trivy

EDUCATION

2019-2022

- **Chhatrapati Shahu Ji Maharaj University**
  Bachelors of Computer Application
  6.8

2022-2024

- **Dr. A. P. J. Abdul Kalam Technical University**
  Masters of Computer Application
  7.4

PROJECTS

- **Automated Blue-Green Deployment Platform on AWS EKS with Zero Downtime CI/CD**
  • Designed and implemented Blue-Green deployment strategy on AWS EKS ensuring zero-downtime releases
  • Built Jenkins CI/CD pipelines with automated traffic switching and rollback mechanisms
  • Integrated SonarQube and Trivy for secure and quality-driven container delivery
  • Automated infrastructure provisioning using Terraform and application releases using Helm
  • Improved production release reliability and reduced rollback time to under 1 minute
- **Automated Secure Cloud Landing Zone with Governance & Guardrails**
  • Architected a secure AWS Landing Zone leveraging Terraform and AWS Organizations to establish standardized cloud environments.
  • Established a multi-account AWS strategy with centralized logging and governance controls to improve visibility and compliance.
  • Applied security guardrails through Service Control Policies (SCPs), IAM policies, and AWS Config rules to restrict non-compliant actions.
  • Standardized cloud infrastructure provisioning by developing reusable Terraform modules, improving consistency and deployment efficiency.
  • Enhanced security posture and audit readiness across environments by aligning infrastructure with cloud governance best practices.
- **Immutable Infrastructure & Automated AMI-Based Release System on AWS**
  • Engineered immutable infrastructure on AWS using AMI-based deployment strategies, improving release consistency and stability.
  • Orchestrated release pipelines using Packer, Terraform, and Auto Scaling Groups to support scalable application delivery.
  • Prevented configuration drift by enforcing immutable server replacement practices.
  • Applied security and quality checks with Trivy and SonarQube across deployment workflows.
  • Enabled zero-downtime releases with fast rollback using AMI-based version control.