

ASHWIN BHOYAR

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SUMMARY

As a experienced DevOps Engineer bring over 2 + years of hand's on experience expertise in driving automation and efficiency across the software development lifecycle. Proficient in CI/CD pipeline setup using GitHub and Jenkins, Kubernetes, Maven for build automation, Apache Tomcat for artifact deployment, Terraform for infrastructure automation, and Docker for containerization.

TECHNICAL SKILLS

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|------------------------|------------------------------|------------------------------|
| • Linux(Ubuntu/Centos) | • Terraform | • Elastic Container Registry |
| • AWS | • Maven | • Load Balancer |
| • Git & GitHub | • Ansible | • Auto-Scaling |
| • Jenkins(CI/CD) | • Prometheus & Grafana | • Serverless Computing |
| • Docker | • DataDog | • Database |
| • Kubernetes | • Elastic Kubernetes Service | • Shell Scripting |

PROFESSIONAL EXPERIENCE

IRSTZEN SOLUTIONS PRIVATE LIMITED

Nov 2021 - Present

DevOps Engineer

- Experienced in deploying and managing Kubernetes clusters on Amazon EKS, ensuring 99.9% availability and scalability. Orchestrated automated deployments using Kubernetes Deployments, enabling seamless rolling updates, efficient rollbacks, and dynamic scaling based on workload demands.
- Configured Kubernetes Services (ClusterIP, NodePort, LoadBalancer) to expose applications within and outside the cluster.
- Implemented Prometheus to monitor microservices, resulting in a 30% reduction in downtime through proactive issue detection and resolution.
- Set up Grafana dashboards for visualizing metrics, enhancing team visibility and reducing issue resolution time by 35% through quick insights and proactive monitoring.
- Developed, customized, and maintained Helm charts for efficient packaging, deploying, and managing Kubernetes applications. Automated and managed application deployments and upgrades using Helm, ensuring consistency and ease of rollback.
- Configured and managed Helm repositories for sharing and distributing Helm charts within the organization.
- Experienced in containerizing applications using Docker, ensuring consistency across development, testing, and production environments. Created and managed Docker images, including writing optimized Dockerfiles to automate the build process, reducing deployment times by 30%.
- Managed Docker registries for storing and distributing Docker images, including using Docker Hub and Elastic Container Registry.
- Experienced in creating and managing CI/CD pipelines using Jenkins, and Git, including job configuration, testing, Artifactory management, and Continuous Deployment with a Master-Slave setup.
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- Implemented secure software supply chain processes and robust security measures in CI/CD pipelines, leveraging containerization technologies Docker and Kubernetes, and infrastructure as code with Terraform, resulting in a 25% reduction in security vulnerabilities and a 40% improvement in deployment efficiency.
- Utilized Maven for build automation, ensuring consistent and reproducible builds across development environments. Configured Maven POM files for defining project structure, dependencies, plugins, and build lifecycle.
- Skilled in assisting developer teams with Git-related challenges, including resolving conflicts, reverting changes, and recovering lost commits.
- Integrated Git with continuous integration and continuous deployment (CI/CD) pipelines to automate build, test, and deployment processes.
- Experienced in writing infrastructure code using Terraform to effectively provision and manage cloud resources.
- Designed and implemented reusable Terraform modules for consistent infrastructure deployment, enhancing scalability and reducing deployment time by 30%.
- Conducted regular security audits and implemented measures to enhance the overall security posture of cloud infrastructure.
- Proficient in configuring and managing VPC components, including subnets, route tables, security groups, firewalls, and network access control lists (ACLs), to ensure effective network segmentation and access control.
- Proficient in creating, managing, and optimizing AWS resources including AMIs, snapshots, and volumes, with expertise in upgrading/downgrading CPU, memory, and EBS configurations as needed.
- Demonstrated proficiency in AWS services administration, encompassing IAM, EC2, VPC, S3, and CloudWatch, with a track record of successful database migrations from S3 buckets to EC2 instances.
- Deep knowledge of Linux operating systems, particularly server configuration, management, and troubleshooting.
- Experience with common server distributions like Ubuntu, CentOS, and Red Hat.

PROJECT

- IATA is a web-based content management application written in Java, Deployed custom packages for customers .
- Trigger daily backups via command line. Worked on platform sprints and feature enhancements that are assigned automatically via the Scrum Master in Jira.
- Utilize virtual/cloud environment technologies such as AWS, including EC2, RDS, Route 53, and S3.
- Work with the cloud infrastructure of AWS, deploying virtual machines on Elastic Compute Cloud (EC2).
- Use various AWS services including VPC, EC2, ELB, EBS, AMI, S3, IAM, EFS, Subnets, Security Groups, NACL, Nat Gateway, Internet Gateway, Secret Manager, Load Balancer, and ECR.
- Configure servers using Ansible by creating playbooks and roles. This project is based on a USA panel, and working for a client based on demand.

EDUCATION

- RTM Nagpur University-Bachelor of Commerce 2016-2019
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