Praveenkumar Dasari
DevOps Technical Lead

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Summary

Dedicated Lead DevOps Engineer with 9 years of comprehensive experience in orchestrating seamless DevOps practices and implementing cutting-edge solutions in cloud environments. Proven expertise in architecting and automating CI/CD pipelines, enhancing security measures, and optimizing scalability across diverse platforms. Adept at spearheading teams and collaborating cross-functionally to drive innovation and achieve business objectives.

Skills

DevOps Tools: Jenkins, GitLab CI/CD, GitHub Actions, Docker, Kubernetes, Terraform, Helm, ArgoCD, Buildpiper, CircleCI.

Cloud Platforms: AWS, Google Cloud Platform (GCP), Azure, E2E Networks, Scaleway.

Security Tools: Trivy, Clair Scan, SonarQube, Trend Micro Cloud One, HashiCorp Vault, AWS Security Hub, AWS Guardduty, AWS Network Firewall, Cloudsploit

Programming/Scripting Languages: Bash, Python

Monitoring and Logging: CloudWatch, ELK stack, Prometheus, Grafana, Uptime, Site24x7, Dynatrace, NewRelic, AppDynamics.

Operating Systems: Linux (RHEL, CentOS, Ubuntu), Windows Server

Database Technologies: MongoDB, MySQL, Oracle, PostgreSQL, Redis

Networking & API Management: TCP/IP, DNS, DHCP, VPN, Firewall Configuration, AWS API Gateway (Rate Limiting, Authentication, Logging, Caching, Custom Domains).

Agile Tools: Jira, Jira ITSM, Opsgenie, Confluence

Version Control Systems: Git, GitLab, GitHub

Work Experience

OSI Digital Pvt Ltd - DevOps Technical Lead - 9 months | Hyderabad   *October 2024 - Present*
Client: USNews

- Leading the AWS infrastructure migration project from EKS (Helm-based) to ECS with a focus on cost reduction and improved monitoring.
- Managing EKS clusters for existing workloads during the migration phase.
- Achieved 77% cost reduction on existing infrastructure through resource right-sizing and architectural improvements.
- Configured and managed AWS API Gateway with authentication, throttling, logging, custom domains, and caching for secure, scalable, and optimized API performance.
- Designed and implemented centralized logging systems using Fluent-bit and CloudWatch.

- Migrated CI/CD pipelines from CircleCI to Jenkins to reduce costs, enhance security, and implement template-based automation while maintaining deployment efficiency.
- Worked on Akamai Security implementation of Network Firewall, WAF, Bot Management, and CDN configurations for enhanced security and performance.

Valuefy Technologies Pvt Ltd - Lead DevOps Engineer - 5 years | Mumbai *July 2019 - September 2024*

- Spearheaded DevOps initiatives, revolutionizing application deployment processes and fostering a culture of continuous integration and delivery within the banking and financial services sector.
- Led a dynamic team of 6 DevOps professionals, establishing clear roles, responsibilities, and performance metrics to ensure alignment with organizational objectives.
- Engineered robust solutions for CI/CD implementation, streamlining software development life cycles and facilitating rapid delivery of high-quality products.
- Architected scalable and secure SaaS platforms, catering to the needs of 80+ clients, including leading banks such as HDFC, ICICI, and Kotak, across diverse geographical regions.
- Standardized infrastructure sizing methodologies, leveraging cloud technologies (AWS, Azure, GCP) and on-premise solutions to optimize resource utilization and accommodate future growth.
- Pioneered the integration of cutting-edge security tools, including Trivy, Clair Scan, SonarQube, and Trend Micro Cloud One, into CI/CD pipelines to fortify system defenses and mitigate risks.
- Implemented infrastructure as code (IaC) practices using Terraform, Helm, ArgoCD, and Kubernetes, automating provisioning and ensuring consistency across multi-cloud and on-premise environments.
- Orchestrated the seamless migration of monolithic applications to microservices architecture, leveraging Kubernetes for enhanced agility and scalability.
- Championed the adoption of DevSecOps principles, conducting comprehensive security risk assessments and implementing robust measures to safeguard critical assets.
- Leveraged advanced monitoring tools such as CloudWatch, ELK stack, and Prometheus to ensure optimal performance and availability of systems and applications.
- Configured and managed AWS API Gateway for secure and scalable API management, integrating with Lambda and ECS-based microservices.
- Implemented custom authentication and authorization mechanisms for API Gateway using JWT validation and IAM-based policies.
- Designed throttling and rate-limiting policies to prevent API abuse & ensure optimal performance.
- Set up API Gateway logging, monitoring with CloudWatch & AWS X-Ray for tracing API requests.
- Configured custom domain names and SSL/TLS certificates for API Gateway to enhance security and branding.
- Optimized API Gateway caching and request transformations to improve performance and reduce backend load.

Restok Ordering Solutions Pvt Ltd - DevOps Engineer - 1.2 years| Navi Mumbai *April 2018 - June 2019*

- Collaborated closely with cross-functional teams to establish automated CI/CD pipelines using AWS, Jenkins, GitLab CI/CD, and Docker, facilitating rapid and reliable software releases.

- Developed custom scripts and automation frameworks to streamline build, deployment, and maintenance processes, resulting in significant efficiency gains.
- Integrated testing tools such as Jasmine and Karma to enhance test coverage and ensure the delivery of high-quality software products.
- Managed Docker containers and orchestrated containerized applications to support development and testing workflows, driving agility and innovation.
- Monitored system performance and reliability using CloudWatch, Opsgenie, and ELK stack, promptly addressing issues and optimizing resource utilization.

Ensure Support Services India Ltd - Sr Tech Support Engineer | Mumbai   *October 2017 - April 2018*
Client: Trent Ltd (TCS Project) - 8 months

- Provided expert technical support for on-premise servers and database storage, ensuring seamless operation of critical retail warehouse management systems.
- Proactively identified and resolved hardware and software issues, minimizing downtime and enhancing system reliability.
- Managed on-premises IBM System x3550 M3 servers with AIX OS
- Troubleshooting on-premises IBM Power 710 Servers & collecting logs on the Hardware Management console (HMC).
- Managed & monitored Database Storage for IBM Server, Oracle Retail Warehouse Management System (ORWMS) & SAP client software.
- Managed Active Directory services and collaborated with clients to deploy new projects, adhering to stringent service level agreements (SLAs).

ITSource Technologies Pvt Ltd - IT Support Engineer L2 | Mumbai   *June 2016 - September 2017*
Client: Trent Ltd (TCS Project) - 1.4 years

- Installation of OS & Software for environments of Windows and Linux
- Troubleshooting software issues.
- Managing & Monitoring LAN Networks & Wireless Access Points/RF Devices with Nagios.
- Managing Motorola Hand Scanners Applications & Hardware.
- Install and administer Active Directory and create and manage FTP servers.
- Managing & Monitor Database Storage for IBM Server, Oracle Retail Warehouse Management System (ORWMS) & SAP client software.
- Log all tickets in the Manage Engine Tool for Incident / Service requests.

Education
- Bachelor's of Engineering in Electronics (2014) - University of Mumbai

Certifications
- Red Hat Certified System Administrator - **EX200 (RHCSA) [Certificate](#)** - ID: 180-139-925
- AWS Certified Solutions Architect Associate - ID: UC-JT74NV1J