Abhishek P

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SUMMARY

Cloud engineer with over two years of experience with a strong foundation in Linux and networking. Proficient in major cloud platforms, including AWS, GCP, and Azure, with a Google Cloud Associate Engineer certification. Extensive hands-on experience in DevOps practices, encompassing version control, CI/CD, containerization, Kubernetes, and infrastructure observability. Currently seeking a full-fledged DevOps role to leverage this expertise in enhancing infrastructure and optimizing software delivery processes.

SKILLS

Cloud Services: AWS, Azure, GCP, Linode

CI/CD: Jenkins, GitLab CI, Github actions

Security and QA : Wazuh SIEM, SonarQube, ClamAV, Trivy

Databases: MySQL, MS SQL, MongoDB

Build tools: Apache Maven, Apache Ant

Monitoring: Cloudwatch, Zabbix, Prometheus, Grafana, Cloudflare, ELK stack

Collaboration: Slack, JIRA, Teams

Version Control Systems: Git, GitHub, GitLab, Bitbucket

Web Servers: IIS, Apache, Nginx

Infrastructure as a Code: Terraform

Containers: Docker, Kubernetes(KOPS), EKS, GKE

Incident response: PagerDuty

Identity management: AWS IAM, Entra ID (Azure AD), GCP IAM

EXPERIENCE

Cloud Platform Engineer   **Apr** 2024 - Current
Activelobby Information systems Pvt Ltd   *Kochi, Kerala*

- Architect, deploy, and manage scalable solutions across multiple cloud platforms (AWS/GCP/Azure) for containerized and non-containerized workloads, balancing performance, reliability, and cost-efficiency.
- Design robust backup, replication, and disaster recovery strategies for applications/databases, enforcing retention policies and reliable failover mechanisms.
- Observability via CloudWatch, Zabbix, Prometheus, Grafana, Wazuh SIEM and ELK stack to proactively detect anomalies, reduce downtime, and ensure smooth operations.
- Perform security assessments and cost optimization audits across client cloud environments ensure secure identity and access management and eliminate resource waste.
- Diagnose and resolve website outages, conduct root cause analysis, and provide incident reports with preventive measures.
- Identify OS and application vulnerabilities, including CVEs and misconfigurations, using standard tools and recommend effective patching and mitigation strategies.

Cloud Systems Engineer   Sept 2022 - Apr 2024
DhiSigma Systems Pvt Ltd   *Kochi, Kerala*

- Managed and administered cloud resources in AWS and Azure, focusing on Lambda, API Gateway, RDS MySQL, CloudFront, S3, and EC2 for serverless and traditional applications.
- Designed and deployed network architectures in AWS VPC and Azure VNet for hosting applications.
- Managed Identity and Access Management (IAM) configurations for employees and applications across AWS IAM and Microsoft Entra ID.
- Optimized cloud storage solutions, including AWS S3 and Azure Blob Storage, ensuring cost-effective and scalable storage management.
- Troubleshot and resolved application and architecture issues, including managing cloud service configurations, web server setups, and resource allocation.

System Administrator   Jan 2022 - Sept 2022
Quadtri Technologies (Federal Bank HQ, Aluva)   *Aluva, Kerala*

- Perform system administration tasks, including backups, restores, service management, user administration, and permission allocation.
- Support vulnerability scanning, auditing, and report generation using tools like AppDynamics, ManageEngine, and SAS.
- Monitor, maintain, and provide technical support for servers and databases (IBM AIX, Windows, Linux, Oracle, SQL Server, DB2, MySQL) hosted in the bank's data center.

EDUCATION

Bachelor of Computer Application, SNGIST Arts and Science College, North Paravur   2018 - 2021

PROJECTS

Spring petclinic Java app deployment through DevSecOps pipeline.

- Automated the build and deployment using Jenkins, artifact management using Nexus.
- Integrated SonarQube for static code analysis and OWASP Dependency-Check for vulnerability scanning and trivy for image scanning to ensure quality and security.
- Used Docker to containerize the application and deployed the Docker image to a server.

WordPress on Kubernetes(KOPS)

- Bootstrapped a K8s cluster(1 control plane and 2 worker node) using KOPS on AWS.
- Created yaml definition files for WordPress and MySQL services, deployments, PV and PVCs

CERTIFICATIONS

- Google Cloud Associate Cloud Engineer |ID : fcb5152de98d4f5b92d49c5626e4f0ff
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