Tamilarasan R

Cloud & DevSecOps Engineer

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PROFESSIONAL SUMMARY

Results-driven Cloud & DevSecOps Engineer with expertise in AWS, Azure, CI/CD automation, containerization, and Infrastructure as Code (IaC). Skilled in building secure, scalable cloud environments, integrating SonarQube for Static Application Security Testing (SAST), vulnerability detection, and compliance, and applying IAM security best practices (MFA, SSL/TLS). Proficient in reducing deployment times, improving availability, and ensuring compliance through automation, monitoring, and security-driven DevOps practices.

CORE COMPETENCIES

- Cloud Platforms: AWS (EC2, S3, RDS, VPC, IAM, CloudWatch, Route53, Lambda), Azure (VMs, Storage, Monitor, AD)
- DevOps & Automation: Jenkins, GitHub Actions, Docker, Kubernetes, Ansible, Terraform
- Monitoring & Logging: CloudWatch, Prometheus, Grafana, ELK
- Security & DevSecOps: SonarQube
- Scripting: Bash, Python, YAML, JSON
- Networking & Security: IAM, Multi-Factor Authentication, Secure Sockets Layer / Transport Layer Security
- Operating Systems: Linux (Ubuntu), Windows

PROFESSIONAL EXPERIENCE

Associate Application Developer | Quadprosoft Technologies | Apr 2021 – Nov 2021

- Created Java + Spring Boot + Angular applications hosted on AWS.
- Streamlined deployments on Linux-based AWS infrastructure (EC2, S3, RDS).
- Designed Jenkins pipelines, reducing release cycle time by 30%.
- Sustained 99.9% uptime with proactive monitoring and load balancing.

Web Developer (Remote) | Intellidb Database Solutions | Nov 2019 - Mar 2021

- Delivered cloud-hosted applications using PHP, Django, JavaScript, and AWS.
- Standardized environments with Docker, lowering configuration issues by 20%.
- Leveraged AWS CloudWatch for log monitoring and performance optimization.

CERTIFICATIONS

DevOps & Cloud Computing Certification: Besant Technologies (2025)
Google Digital Marketing Certification: Google Digital Garage (2022)

KEY PROJECTS:

- Secure CI/CD Pipeline: Deployed SonarQube with Jenkins & GitHub Actions for vulnerability detection, and quality checks.
- Cloud Infrastructure as Code: Provisioned AWS resources with Terraform and Ansible to enhance security, compliance, and repeatability.
- Monitoring & Alerting: Implemented Prometheus, Grafana, ELK, and CloudWatch dashboards for observability and incident response.
- IAM Security Hardening: Applied IAM least privilege, MFA, and SSL/TLS to reinforce cloud security.

EDUCATION

B.Tech in Information Technology | K.S.R College of Technology | 2015 - 2019