

R S Dileep Kumar

System Engineer

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CERTIFICATION

AWS Certified Cloud Practitioner
Google Associate Cloud Engineer

AWS Certified Cloud Solution Architect
Full Stack Windows Professional Certification

TECHNICAL SKILLS

DevOps Tools: Docker, Kubernetes, Git, GitHub,
Programming Language: Typescript, Python,
Operating System: Linux, Windows, Mac

Cloud: AWS
CI/CD: Jenkins, IDP

EXPERIENCE

Senior System Associate — Infosys

Jul 2021 – Present
Bengaluru, Karnataka, India

Cloud DevSecOps

- Developed and published extensions and dashboards on the Azure Marketplace, automating repetitive manual tasks and improving operational efficiency.
- Gathered client requirements and delivered Proof of Concepts (POC) for proposed solutions, aligning with business goals.
- Authored comprehensive technical documentation and submitted high-quality code for peer review, adhering to industry best practices.
- Configured DevSecOps tools such as **SonarQube**, **Black Duck**, **Fortify**, and **CAST** within the Infosys DevSecOps Platform (IDP), enhancing security and compliance.
- Managed CI/CD pipelines to ensure software delivery met quality standards and compliance thresholds, minimizing deployment errors.
- Released user stories to QA, hosted extensions in Azure DevOps QA environments, and secured QA sign-off.
- Deployed extensions to production environments, proactively monitored their performance, and rolled out feature updates based on user feedback.

User Access Management

- Managed user access rights and privileges for systems and applications. Provisioned, modified, and revoked user accounts in accordance with established policies.
- Monitored user access activities and investigated any suspicious or unauthorized attempts.
- Provisioned, managed, and disabled user accounts according to established policies and audit requirements.
- Administered application access across administrative and financial platforms, streamlining access for end users and managers.
- Administered and maintained Identity Access Management (IAM) systems, ensuring proper user access and security.

PROJECTS

Cloud Cost Optimization — AWS

- Developed an AWS Lambda function using Python and Boto3 to identify and manage unused EBS snapshots.
- Automated snapshot deletion via CloudWatch event triggers, reducing cloud costs and manual efforts.
- Improved resource utilization and enhanced cloud infrastructure management.

EDUCATION

Bachelor of Computer Application
University of Mysore

Bengaluru, Karnataka, India
Nov 2021 – Sep 2024