

ADARSHA K

Systems Engineer

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CAREER SUMMARY

AWS Certified Developer with approximately 5 years of experience in AWS cloud engineering, DevOps automation, and application delivery. Proven expertise in designing, deploying, and operating scalable and secure AWS environments using AWS CDK, CloudFormation, Terraform, and CI/CD pipelines. Strong background in infrastructure automation, cloud security best practices, monitoring, and incident troubleshooting within Agile environments.

TECHNICAL SKILLS

DevOps | AWS Cloud | AWS CDK | CloudFormation | Terraform | CI/CD | Jenkins | GitHub Actions | Docker | Kubernetes (basic) | Linux | Shell Scripting | TypeScript | JavaScript | Python | Angular | Flask | Bootstrap | CloudFront | GitHub | ServiceNow | Agile Methodology

PROFESSIONAL EXPERIENCE

AWS CLOUD ENGINEER | TCS | Whitefield, Bengaluru Oct 2023 – present

- Designed, deployed, and managed AWS cloud infrastructure using AWS CDK (TypeScript) and CloudFormation, reducing environment provisioning time by 40%.
- Built reusable Infrastructure-as-Code templates for EC2, S3, Lambda, DynamoDB, ECS, IAM Roles, and CloudWatch.
- Developed error simulation and failure-injection frameworks using AWS Lambda and Step Functions for AI/ML troubleshooting model training.
- Implemented and optimized CI/CD pipelines using AWS CodeBuild, CodePipeline, and Jenkins, enabling zero-downtime deployments.
- Improved system observability using CloudWatch dashboards and CloudTrail audit logging.
- Enforced AWS security best practices including IAM least-privilege access and compliance controls.

ANGULAR DEVELOPER | Infosys Ltd. | Electronic City, Bengaluru Jan 2021 – Jul 2023

- Developed and maintained enterprise-scale Angular applications with reusable components and services.
- Collaborated with UI/UX teams to deliver responsive interfaces aligned with design specifications, reducing design-to-development time by 20%.
- Optimized application performance, reducing load times by 40%.
- Implemented CI/CD pipelines using GitHub Actions for automated deployments.
- Containerized applications using Docker and deployed on ECS Fargate.
- Managed the ServiceNow ticketing system, handling an average of 50+ tickets per month and supported SLA compliance.
- Led a team of two developers during the maintenance phase of a client-facing Angular application, achieving a 99%.

EDUCATION

PRE-UNIVERSITY | PCMC | Karnataka state board 2014 – 2016

BACHELOR'S DEGREE | Electronics and Communication | VTU 2016 – 2020

CERTIFICATIONS

- AWS Certified Developer - Associate | AWS Certified Cloud Practitioner | Angular Development | Python Bootcamp | Master SAML 2.0 with OKTA

KEY ACHIVEMENTS

- Operational improvements Award
- Continuous Learning
- Certificate of Appreciation award