V R KRISHNAMACHARYULU PERIYALA

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SUMMAR Y

- Cloud and DevOps Engineer with experience designing scalable cloud infrastructure and automating deployment pipelines, accelerating deployment by 45%. Optimized system performance by implementing efficient data structures and algorithms in C++. Skilled in AWS, Terraform, Docker, and Kubernetes to streamline cloud operations and enhance system efficiency.

INTERNSHIP EXPERIENCE

Cloud Engineer   June 2024 - July 2024

- Designed and developed the Travel Tale website using HTML and CSS, increasing site engagement by 30%.
- Managed version control for the project by regularly pushing code updates and resolving merge conflicts using Git Bash and GitHub, ensuring smooth collaboration among team members
- Led the deployment process by configuring and deploying the website on an AWS server, ensuring high availability and smooth performance for end-users, ensuring 99.9% uptime and optimizing performance.

TECHNICAL SKILLS

- Programming Languages: C++, C
- Cloud Platforms: AWS,Azure, Google
- DevOps & Automation: Docker, Kubernetes, Terraform, Ansible.
- CI/CD & Code Quality: Jenkins, GitHub Actions
- Networking & Security: Load Balancers, Firewalls, IAM, SSL/TLS, VPC, VPN
- Database & Storage: MySQL, S3, Blob Storage
- Version Control & Collaboration: Git, GitHub.
- Operating Systems:- Windows,Linux.

SOFT SKILLS

- Issue Resolution: Identified and fixed 95% of system performance issues, reducing downtime by 40%.
- Communication & Collaboration: Effectively coordinated across cross-functional teams, leading to a 30% increase in project efficiency
- Project Management: Successfully managed end-to-end deployments, meeting 100% of project deadlines.
- Technology Integration: Implemented new Cloud and DevOps tools within six months

PROJECTS

- Deployed Static and Database-Driven Websites on AWS and Other Platforms.
  - Deployed both static and database-driven websites using AWS services, improving page load speeds by 50% and Ensuring 99.9% uptime.
  - Configured 10+ servers, enhanced security settings, and improved website performance by reducing downtime by 30%.
- Automated Infrastructure and Deployment Using Jenkins, Terraform, Kubernetes, and Docker.
  - Automated deployment pipelines and infrastructure management using Jenkins, Terraform, Kubernetes, and Docker
  - Wrote Jenkins pipelines for CI/CD automation, provisioned infrastructure using Terraform, containerized applications with Docker, and orchestrated deployments with Kubernetes, ensuring efficient and reliable deployment workflows
- Automated S3 Data Cleanup for Cost Optimization.

- Developed an AWS Lambda function that scans and deletes S3 objects older than 30 days, reducing unnecessary storage class
- Configured an Event Bridge (Cloud Watch Events) rule to trigger the Lambda function every 24 hours, ensuring regular cleanup
- Reduced manual intervention by 100%, automating the cleanup process for stale data.
- Optimized S3 storage costs, achieving an estimated 20-30% reduction in unnecessary storage expenses

EDUCATION

Bachelor of Technology
Aditya College of Engineering and Technology
- Major in CSE-IOT.
- Achieved a CGPA of 7.94

Intermediate with MPC
Aditya Junior College
- Secured 840 out of 1000.

CERTIFICATIONS

- Oracle Cloud Infrastructure and AI Foundations Associate — September 2024
- Google Cloud Career Launchpad — August 2024
- Cisco Certified CCNA — July 2024

ACHIEVEMENT

- **[Credly]**
- **[Leetcode]**
- **[Geeks for Geeks]**