

MANOJ KUMAR N J

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PROFESSIONAL SUMMARY

Dynamic and results-driven professional with **2 years of experience in DevOps and AWS**. Proficient in building and managing CI/CD pipelines, cloud infrastructure management, and implementing automation to streamline development and deployment processes. Adept at leveraging modern DevOps tools and practices to ensure system reliability, scalability, and efficiency.

EXPERIENCE SUMMARY

- **AWS Expertise:** Proficient in implementing and managing AWS Windows Server Instances using Windows PowerShell for seamless project setups and deployments.
- **Automation Scripts:** Skilled in designing and managing scripts for infrastructure provisioning, configuration, and monitoring, ensuring efficient and error-free rollouts.
- **CI/CD Pipelines:** Experienced in managing Continuous Integration and Continuous Deployment (CI/CD) pipelines to enhance build, test, and deployment efficiency.
- **Cloud-Native Tools:** Leveraged cloud-native monitoring tools to enhance system reliability, scalability, and performance.
- **End-to-End Deployment:** Conducted comprehensive deployment cycles focused on scalability, operational excellence, and reliability in cloud-hosted environments.
- **Agile Delivery:** Applied Agile methodologies to streamline project delivery and ensure iterative improvements throughout development cycles.
- **DevOps Automation:** Built workflows and scripts to automate repetitive tasks, improving team efficiency and reducing manual effort.
- **Infrastructure Management:** Hands-on experience in provisioning, configuring, and maintaining cloud infrastructure to support large-scale projects.
- **Scalable Solutions:** Designed and implemented solutions with a focus on scalability, fault tolerance, and cost optimization.
- **Cross-Functional Collaboration:** Fostered collaboration between development, operations, and QA teams to ensure seamless integration and delivery.
- **Version Control:** Proficient in using Git and other version control systems for source code management and collaboration.
- **DevOps Best Practices:** Advocated for and implemented best practices to enhance workflow automation, monitoring, and system security.

EDUCATION QUALIFICATIONS:

- Bachelor of Commerce (B.COM) VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY BELLARY. IN THE 2019
- 12th From VIGNAN INDP PU COLLEGE, Hosapet in the year 2015
- 10th From Karnataka State Syllabus in the year 2012

TECHNICAL SKILLS:

- AWS Cloud | CI/CD Pipelines | Hybrid Activations | Docker | Jenkins | GitHub
- AWS CodePipeline | System Management | Maven | Tomcat | Terraform | Ansible • Python | Cloud Infrastructure Management | Automation | Configuration Management

EXPERIENCE & PROJECTS:

PROJECT#1

Company Name: *Srinivasan Software Solutions Pvt. Ltd, Tirupati* **Industry**

Sector: Consumer Goods & Service Industry

Role: Technical Support Engineer

Business Profile: Client produces Pet Care food, Snacking's and Nutrition Food.

Responsibilities: Automated CI/CD Pipeline with Domain Integration

Description: Developed an automated CI/CD pipeline for streamlined application deployment, integrated AWS Route 53 for domain management, and automated GitHub to server deployments.

Key Contributions: •

CI/CD

Implementation:

- Built and deployed a CI/CD pipeline using AWS CodePipeline, achieving a 50% reduction in deployment times and a 40% increase in frequency.
- **Domain Management:**
 - Integrated third-party domain management with AWS Route 53, cutting DNS propagation times by 30% and enhancing DNS management.
- **Source Control Integration:**
 - Configured GitHub as the source repository for automatic triggers on code commits, reducing manual intervention by 70%.
- **Deployment Automation:**
 - Automated deployment updates to index.html from GitHub, decreasing turnaround times to 5 minutes and improving release agility by 60%. •

Scripting:

- Wrote Python and Bash scripts for deployment tasks, boosting operational efficiency by 35%.

