ARUN KUMAR. S

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Professional Summary

DevOps Engineer with 2 years of experience leveraging IT Security and Systems Monitoring expertise to build secure, automated, and resilient infrastructures. Skilled in Linux administration, CI/CD pipelines, cloud platforms (AWS), and containerization with Docker and Kubernetes. Proficient in Python, Bash, and Java with proven ability to improve system reliability, streamline deployments, and enhance security compliance. Seeking a DevOps/Cloud Engineer role to drive efficiency, scalability, and innovation through automation and modern DevOps practices.

Core Skills

• DevOps & Cloud: AWS (EC2, S3, IAM), GitLab, GitHub Actions, CI/CD, Docker, Kubernetes

• Monitoring & Automation: Prometheus, Grafana, Ansible, Automation Tools, Log Monitoring

• Programming & Scripting: Python, Bash, Java, C++

• System Administration: Linux, File Systems, Backup & Recovery, Security Hardening

• Other Skills: Security Audits, Risk Analysis, Team Collaboration, Problem-Solving

Professional Experience

IT Security Officer

HDFC Bank – Data Processing Center (DPC), Bangalore | 2023 – Present

• Monitored 50+ enterprise applications and infrastructure 24/7 using monitoring tool, ensuring 99.9% uptime.

• Designed and automated backup & restoration workflows, improving recovery time by 30%.

• Administered Linux environments (100+ servers), managing file systems, user permissions, and performing security hardening.

• Conducted 20+ internal security audits annually, implementing risk-mitigation strategies that reduced vulnerabilities by 25%.

• Collaborated with IT teams to optimize monitoring and alerting systems, improving incident response time by 35%.

• Mentored junior staff on compliance, security procedures, and system best practices.

Projects

CI/CD Pipeline for Containerized Applications (DevOps Project)

• Built an end-to-end CI/CD pipeline using GitHub Actions, Docker, and Kubernetes (Helm).

• Automated testing, container image builds, and deployment with blue-green strategies.

• Integrated Trivy for vulnerability scanning and Prometheus/Grafana for monitoring.

• Reduced deployment errors by 40% and accelerated release cycles significantly.

Smart Fish Farming Monitoring System (Academic Project)

• Developed a real-time water quality monitoring system using Python, IoT sensors, and AWS IoT Core with automated data collection and analysis.

• Created a user dashboard with Grafana and web-based visualizations to track growth data and set up automated alerts for anomaly detection and system safety.

Education

• B.E. – Computer Science and Engineering | Kingston Engineering College, Vellore | CGPA: 8.5 | 2023

• HSC – Class XII | Saraswati Vidyalaya Matric HSS, Vellore | 70% | 2019

• SSLC – Class X | Saraswati Vidyalaya Matric HSS, Vellore | 87% | 2017

Languages

• Tamil (Native)

• English (Fluent)