

Siddhardan R

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Career Objectives

To work on challenging assignments in a progressive organization that would leverage my technical experience to the fullest potential and align my growth with the growth of the Organization.

Career Summary

Over 5 years of IT Experience and 3+ years as **DevOps Engineer** in Automating, and Optimizing mission critical deployments in AWS, leveraging configuration management, CI/CD, and DevOps processes. Implementing cloud strategy in various environments.

Skill Set

AWS Services	: EC2, VPC, IAM, S3, Cloud Watch, Route 53, RDS, Cloud front, SNS, Code deploy & Code Pipeline, ECS, ECR, EKS, etc.,
DevOps Tools	: Jenkins, Ansible, Docker, GIT, Terraform, Kubernetes.
Protocols	: TCP/IP, SSH, HTTP, HTTPS, RDP.
OS Platform	: Linux, Windows

Professional Experience

Working as a DevOps engineer in **JVS Future Technologies Pvt. Ltd** (May 2020 – Present)

DevOps Engineer

Client	: Bank of Ireland - Forex
Level	: DevOps Engineer

Roles & Responsibilities:

- Managed and orchestrated containers using **Kubernetes**, ensuring seamless deployment, scaling, and self-healing of applications and troubleshoot issues related to container orchestration.
- Experience in Creating reproducible environments in AWS using **Terraform** modules ensuring scalability and reliability. Implemented version-controlled “IaC” practices with Git and GitHub, enabling collaborative and auditable infrastructure changes.
- Containerize applications using **Docker** for consistency and portability. Manage container images

and ensure efficient resource utilization.

- Created and maintained **Jenkins pipelines** for automated build, test, and deployment. Integrate code changes seamlessly and detect integration issues early. Monitor and improve overall CI/CD pipeline performance.
- Integrated automated quality checks using **SonarQube** into pipelines to ensure reliable and error-free deployments.
- Managed version control repositories using **Git** and **GitHub**. Collaborate with development teams to ensure smooth code integration. Implemented branching strategies and resolve merge conflicts.
- Automated configuration management using **Ansible** playbooks. Ensure consistent server configurations across environments. Handled application deployments and updates reliably.
- Implemented monitoring solutions to track system health, application performance, and resource utilization. Set up centralized logging using tools like **Prometheus/Grafana** for improved troubleshooting and analysis.
- Automated routine administrative tasks using the python and bash scripting, enhancing system stability and efficiency.
- Managed scalable and reliable infrastructure using **AWS** services like **EC2** for virtual servers and **VPC** for network setup. Set up and configure EC2 instances for various applications, ensuring proper security measures and resource optimization.
- Implemented and managed data storage solutions using **Amazon S3** for scalable object storage.
- Configure and maintain Amazon RDS for relational database management, ensuring data integrity and performance.
- Utilized Amazon **CloudWatch** to monitor resource utilization, application performance, and set up alarms for critical metrics. Created custom monitoring dashboards to provide real-time insights into system health.
- Deployed and scaled applications using container orchestration with **Amazon EKS** (Elastic Kubernetes Service).
- Collaborated with cross-functional teams to define and implement DevOps processes and best practices, fostering a culture of continuous improvement.
- Conducted regular security assessments and implemented security measures, ensuring compliance with industry standards and regulations.
- Provided technical support and troubleshooting for production systems, resolving incidents and minimizing downtime.
- Mentored junior team members and facilitated knowledge sharing within the team.

Application Support Analyst

Organization : JVS Future Technologies Pvt. Ltd.

Level : Associate

Period : June 2018 – May 2020

Roles & Responsibilities:

- Provided technical support for business-critical applications, investigating and resolving incidents within agreed service level agreements.

- Collaborated with development teams to troubleshoot and resolve application-related issues, ensuring minimal downtime and maximum availability.
- Conducted root cause analysis for major incidents and implemented preventive measures to mitigate future occurrences.
- Developed and maintained documentation for support processes, known issues, and resolution steps, improving efficiency and knowledge sharing within the team.
- Participated in application release management, coordinating with various teams to ensure smooth deployments and post-release validation.

Education

Graduation: B.E. from Karpaga Vinayaga College of Engineering and technology in 2018.

HSC: From State Board of Tamilnadu Board in 2014

SSLC: From State Board of Tamilnadu in 2012

Personal Details

Father's Name	: Rajendran
DOB	: 19 th Dec 1996
Nationality	: Indian