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 DevOpsprocesses. Implementing cloud strategy in various environments.

# Skill Set

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

# Professional Experience

**Organization : JVS Future Technologies Pvt. Ltd**

**Level :** DevOps Engineer

**Period :** June 2020 - Present

**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.
* 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.
* Implemented security measures, ensuring compliance with industry standards and regulations.
* Provided technical support and troubleshooting for production systems 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 in 2014

**SSLC:** From State Board of Tamilnadu in 2012

# Personal Details

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| **Father’s Name** | : Rajendran |
| **DOB** | : 19th Dec 1996 |
| **Nationality** | : Indian |