**Suyash Negi**

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Dev-ops engineer at TCS and Certified AWS Solutions Architect Associate

(Validation number: FHXGB01B51E41GW4)

**Summary**

Experience in DevOps with designing and implementing CI/CD pipelines, managing cloud infrastructure on AWS, and maintaining high availability and scalability of production environments. Proven ability to work independently and as part of a remote team, with strong skills in automation, containerization, and infrastructure as code.

**Skills**

* **Remote Work Tools**: Remote collaboration tools (e.g., Webex, Zoom, Microsoft Teams).
* **Automation and CI/CD**: Tools and practices related to automation and continuous integration/continuous deployment (e.g., Jenkins, Docker, Kubernetes).
* **Cloud Platform**: **AWS** (Services: EC2-instances, AMI, IAM, ELB, EBS, RDS, S3, SNS, SG), ASG, Route 53 and KMS etc.).
* **Version Control**: Git (e.g., branching strategies, pull requests).
* **Monitoring and Logging**: Tools like PRTG, Grafana, Prometheus.
* **Configuration Management**: Ansible, Terraform.
* **Application Server**: J-boss Enterprise Application server & manual deployments.
* **Security**: SonarQube.
* **Programming Languages**: Python (Basic), Go.
* **Networking:** Beginner.
* **Soft Skills**: “self-motivating,” “time management,” “communication,” and “problem-solving.”

**Work Experience**

**TCS** |Dev-ops Engineer | GeM - Government E-Marketplace  **Jun 23 – Present**

* Implemented and maintained CI/CD pipelines using Jenkins to automate deployments, resulting in a 30% reduction in deployment time.
* Managed source control using Git, including branching, and merging strategies to streamline development workflows.
* Troubleshooting in WAR rooms during **Application outage** and service/**functionality breakage**.
* Continuous delivery with Jenkins as per client standards.
* Deployed applications using **Docker and Kubernetes**, improving application scalability and reliability.
* Utilized AWS services (EC2, S3, RDS, Route 53) to migrate on-premises infrastructure to the cloud, enhancing system performance and availability.
* Maintained high availability of production environments using JBoss (schemas for **host.xml, domain.xml** and **standalone.sh** in java environments), reducing major deployment in **php** by changing just in the config files.
* Maintaining **heap size** for requirement-based server groups and **Redis**, ensuring **minimal downtime**.
* Automated infrastructure provisioning with **Terraform**, reducing manual setup time and configuration errors.
* Collaborated with cross-functional teams through **JIRA**, facilitating efficient issue tracking and resolution.
* Configured and managed monitoring and logging tools (**Grafana, Prometheus, SonarQube**) to ensure system health and code quality.
* Created a **Cron to execute a script** triggering **a Ansible playbook** for test servers.
* Conducted daily stand-ups and sprint planning sessions remotely, utilizing tools like Webex and teams to coordinate with team members.
* Configuring **Continuous** API requests through **Crons**.

**TCS** |Trainee | JP Morgan Client  **Jan 22 – May 23**

* As a production Support Trainee moved war deployment files across servers and shipped to client.
* Provided logs when a bug appears.
* Conducted manual testing of TCS-BANCS product, creating detailed test cases and documentation.
* Collaborated with development teams to test new API functionalities, providing feedback for improvements.
* Used AWS Major Services for project requirements (EC2, AMI, IAM, ELB, EBS, RDS, S3, SNS, SG, ASG, Route 53 and KMS etc.)
* Managed team documentation and facilitated remote collaboration through shared online tools.
* **Performed OS hardening for base Ubuntu image.**
* **Executed OS patching in a UAT server.**
* Hosted post deployment ceremonies.
* Installing Terra-form on Windows Servers.

**Education**

* **Krishna Engineering College, Affiliated to AKTU.** **2017 – 2021**Branch (Information Technology)
* **Vanasthali Public Sr. Sec. School, Noida-56.** **2016 – 2017** CBSE (Class XII)

**Certifications:**

* AWS Certified Solutions Architect – **AWS SAA CO-03**.
* Dev-ops Certification - **Ducat Pitampura**.
* The Ultimate Dev-ops Bootcamp – **Udemy**.

**Projects & Documentation:**

* [suyash-on-github](https://github.com/suyashnegi)