

Swapnil Baban Sanap

Contact :- 9156346959

AWS / DevOps Engineer

[E-mail: swapnilsanap008@gmail.com](mailto:swapnilsanap008@gmail.com)

Professional Summary

- Enthusiastic confident, hard working and experienced AWS/DevOps Engineer with an experience of **3+ years** in designing, automating, deploying, and managing scalable cloud infrastructure and CI/CD pipelines. Strong communication skills and a proven ability to learn and **Skills** adapt quickly to changing circumstances.
- Skilled in **AWS Services (VPC, EC2, S3, RDS, IAM, Cloudwatch, Cloudfront etc.) , Git & Github, Docker, Ansible, Terraform, Jenkins and Kubernetes**. Has knowledge of **AGILE** Methodologies (**SCRUM & KANBAN**).

Technical Skills

- **Cloud Platform:** AWS (EC2, VPC, S3, RDS, EBS, EFS, Cloudwatch, IAM, Cloudfront, Route53)
- **Version Control:** Git & GitHub
- **Containerization:** Docker
- **Orchestration:** Kubernetes
- **Configuration Management:** Ansible
- **Infrastructure as Code:** Terraform
- **CI/CD:** Jenkins, ArgoCD
- **Monitoring:** Prometheus and Grafana
- **Package Managers:** Helm, apt, yum
- **Project Management:** Jira
- **Languages:** Bash/Shell, HCL, DSL Groovy, YAML
- **CLI's :** Linux CLI, AWS CLI, kubectl, eksctl

Work Experience

Bitwise Solutions Pvt. Ltd

July 2022 – Present

Project: - United Healthcare, USA

Project: - United Healthcare, USA

Description: United Healthcare is an American healthcare and life insurance firm primarily known as a health insurance company and a part of UnitedHealth Group, which is one of the largest healthcare companies in the United States.

Roles and Responsibilities

- Created and managed AWS resources, including VPCs, EC2 instances, S3 buckets, IAM roles, CloudFront distributions, Route 53, RDS ensuring optimal configuration and security.
- Implemented Auto Scaling groups and configured Elastic Load Balancers (ELB) to ensure high availability and performance during peak traffic periods, enhancing user experience.
- Designed, deployed, and maintained cloud infrastructure using Terraform, ensuring consistency and reliability across environments.
- Configured Linux servers and automated the deployment and management of applications using Shell Scripts and Ansible.
- Collaborated with developers to design and implement CI/CD pipelines using Jenkins, facilitating seamless integration and deployment processes.
- Built and packaged applications, using GitHub and Maven to improve development efficiency.
- Developed custom Dockerfiles and managed container creation to optimize application deployment, successfully pushing images to Docker Hub for efficient distribution.
- Created and maintained Kubernetes clusters using AWS EKS, deploying and scaling containerized applications while integrating Kubernetes with CI/CD pipelines using Argo CD for continuous delivery and application management.
- Configured Ingress resources in Kubernetes using AWS ALB Ingress Controller to manage external access to services, enabling load balancing and routing of traffic to deployed applications.
- Managed Packages on Kubernetes (AWS EKS) using Helm Charts.
- Implemented monitoring solutions using Prometheus and Grafana, enhancing system performance visibility and enabling proactive issue resolution.
- Optimized Costs by ensuring that unused resources are managed properly and setting up Lifecycle Policies for various resources.

Education

Bachelor of Engineering – MGM's Jawaharlal Nehru Engineering College Aurangabad 2016-2019.

Soft Skills

- Self-Discipline
- Willingness to Learn
- Strong communication skills
- Collaboration and Teamwork
- Problem-solving
- Logical Reasoning
- Critical thinking
- Research Skills
- Adaptability
- Attention to Detail