Satyabrata Karan
DevOps Engineer

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PROFIL

- **6 years of relevant experience as a DevOps Engineer and Total 12 years of Experience as a Software Engineer.**
- I also have Project Lead Experience and Backend Developer experience using Perl and Python programming language.
- Strong knowledge of Cloud services in AWS cloud, and basic knowledge in Azure cloud and strong handson in Linux Administration with BASH Shell Script.
- Also strong handson experience in **Jenkins CI/CD pipeline, Git workflow, Terraform deployment, Docker Containers, and Kubernetes Orchestration.**
- Monitoring of production application using DataDog, Splunk, Nagios, SumoLogic, and Cloud native services like Cloudwatch in AWS or Azure Monitor.
- **LinkedIn**: https://www.linkedin.com/in/satya-karan/
- **Xing**: https://www.xing.com/profile/Satya_Karan047610
- **Git**: https://github.com/satyakaibm/MyResume/
- **Visa**: EU Blue Card Visa valid till February 2027
- **Available**: Immediate

BERUFSERFAHRUNG

08/2024 - 04/2025	**DevOps Engineer**
	Quicken Software Development Centre - Bangalore

Implemented **CI/CD pipelines** using Jenkins, and Docker which resulted the deployment time faster.

Deploying the microservices using **Terraform** native commands.

Taken care of the microservices **integrity and security** in the AWS Cloud platform.

Doing process automation using **Python** and **BASH** Shell script.

Monitoring the production resources using the **Datadog** and **Splunk** tool.

Troubleshoot the **Cluster nodes**, **PODS**, **Images** and **Container** level issues in ECS or Fargate.

Taking care of the Cloud infrastructures in **Amazon Web Services** (AWS).

Reduced the **deployment time by 50%** via optimizing the Jenkins pipeline and Terraform.

Recognized as **Top Performer** in **Q2 2024** for Tableau automation using Terraform.

Building new services to support the application by gathering requirements from the Business **Operation team**.

Building systems in the spirit of **Agile** methodologies. Focused on Sprint goals & discussed in Scrum meetings.

10/2023 - 07/2024	**Senior DevOps Engineer**

Nomis Solutions - Bangalore

Taking care of CICD Build Pipeline using Jenkins, and Docker Container.

Expedite the resources in the AWS Cloud for the banking applications high availability.

Monitored the Production application using Datadog, Uptrends and SumoLogic.

Process automation using Python and Shell script.

Taken care of the scrum planning and delivered the goals of the project.

10/2020 - 08/2023	**DevOps Engineer**

Smatbee Network Pvt Ltd - Bangalore

Played an active role in the development, maintenance and integration of our systems using Python.

Code deployment using CI/CD Pipeline jobs in the **Jenkins** platform.

Wrote and managed the **Dockerfile** for building the Docker images and managing the containers.

Built the services to support our internal stakeholders from the Operations team.

Mentored Junior team members, enabling them to grow and learn the Cloud DevOps culture.

Built systems in the spirit of Agile methodologies [Scrum, Kanban]

Experienced developing **RESTFul** Web Services.

Deployed cloud infrastructure services in AWS cloud by using **Terraform** tool.

Troubleshoot of the nodes, pods, and container level issues to enhance the availability of resources in

Kubernetes.

Tech Stacks: Git, Jenkins, Kubernetes, Python, Docker, Ansible, Azure DevOps

08/2019 - 10/2020	**DevOps-Ingenieur/in**

Xoriant Solutions Pvt Ltd - Bangalore

-> Running the build pipeline in **Teamcity** and deploying them in **Jfrog Artifactory**.

-> Deploying the artifactory into different environments using the **uDeploy** tool.

-> Implemented **AWS** services to provide the foundation for the Software as a Services (**SaaS**) platform.

-> Responsibility for the reliability, and high availability of an application using tools and AWS resources.

-> Managed the container orchestration using RedHat OpenShift.

=> Tech Stacks: Bitbucket, TeamCity, Python, uDeploy, Docker, Openshift, AWS Cloud

FÄHIGKEITEN

Jenkins | Docker | Ansible | Bash | Linux | Git | Bitbucket | Terraform

Kubernetes | CICD Pipeline | Python | Amazon Web Services (AWS)

AUSBILDUNG

2009   **B.Tech (University Degree)**

Biju Patnaik University Of Technology - Rourkela, India

Computer Science & Engineering

SPRACHEN

German   Gute Kenntnisse

Englisch   Sehr gute Kenntnisse

Hindi   Muttersprache

CERTIFICATION

1. "Lean Six Sigma Yellow belt" certification from TÜV SÜD.
2. "ITIL Foundation Training" from Novel Vista, Pune, India
3. "Red Hat Certified System Administrator" (RHCSA) from Linux Academy.
4. "DevOps Certified Professional" certification from DevOps School, Bangalore, India.
5. Continuing "Post Graduate in Cloud Computing" from Great Learning, Bangalore, India.

DEVOPS PRACTICE PROJECTS IN GITHUB:

CICD: https://github.com/satyakaibm/jenkins-resources.git

Ansible: https://github.com/satyakaibm/Ansible_practice.git

Kubernetes: https://github.com/satyakaibm/Kubernetes-voting-app.git